

Nutanix Aiops Versioned APIs

Manage infrastructure on-premises and in the cloud seamlessly through AIOps features such as Analysis, Reporting, Capacity Planning, What if Analysis, VM Rightsizing, Troubleshooting, App Discovery, Broad Observability, and Ops Automation through Playbooks.

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1. HTTP Basic Authentication

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Stats

GET /aiops/v4.0.a2/stats/sources/{extId}/entity-descriptors [Up](#)

Returns metadata information available for entity and metrics for given entities. ([getEntityDescriptorsV4](#))

Returns entity and metrics descriptors.

Path parameters

extId (required)

Path Parameter — The UUID of a source.

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter — <p>A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:</p> entityType metrics/name

Return type[inline response 200 3](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : [ "", "" ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**

Successfully returns all entity descriptors. [inline response 200 3](#)

4XX

Client error response [inline response 4XX 3](#)

5XX

Server error response [inline response 4XX 3](#)

GET /aiops/v4.0.a2/stats/sources/{sourceExtId}/entities/{extId} ^{Up}

Returns a list of various attributes and metrics (time series data) that are available for a given entity type.

(getEntityMetricsV4)

Returns attribute/metric data for the selected entities.

Path parameters

sourceExtId (required)

Path Parameter – The UUID of a source.

extId (required)

Path Parameter – The UUID of an entity type.

Query parameters

\$page (optional)

Query Parameter – A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter – A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$startTime (optional)

Query Parameter – The start time of the period for which stats should be reported. The value should be in extended ISO-8601 format. For example, start time of 2022-04-23T01:23:45.678+09:00 would consider all stats starting at 1:23:45.678 on the 23rd of April 2022. Details around ISO-8601 format can be found at <https://www.iso.org/standard/70907.html>

\$endTime (optional)

Query Parameter – The end time of the period for which stats should be reported. The value should be in extended ISO-8601 format. For example, end time of 2022-04-23T01:23:45.678+09:00 would consider all stats till 13:23:45 .678 on the 23rd of April 2022. Details around ISO-8601 format can be found at <https://www.iso.org/standard/70907.html>

\$samplingInterval (optional)

Query Parameter – The sampling interval in seconds at which statistical data should be collected For example, do you want performance statistics every 30 seconds? Every 60 seconds?

\$statType (optional)

Query Parameter –

\$filter (optional)

Query Parameter – <p>A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:</p> extId metrics/name metrics/timeSeries/values/value

\$orderby (optional)

Query Parameter – <p>A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:</p> extId

Return type

[inline response 200 2](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
```

```

    "value" : false
  } ],
  "messages" : [ {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : [ "", "" ]
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Successfully returns all the entities. [inline response 200 2](#)

4XX

Client error response [inline response 4XX 2](#)

5XX

Server error response [inline response 4XX 2](#)

GET /aiops/v4.0.a2/stats/sources/{extId}/entity-types

[Up](#)

Returns a list of available entity types and their UUIDs for a given source. These UUIDs can be used in other APIs to get entity metrics and descriptors. (**getEntityTypesV4**)

Returns a list of available entity types for a given source.

Path parameters

extId (required)

Path Parameter — The UUID of a source.

Return type

[inline response 200 1](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {

```



```

    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : [ "", "" ]
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Successfully returns all the entity types. [inline response 200 1](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

GET /aiops/v4.0.a2/stats/sources

[Up](#)

Returns a list of available sources and their UUIDs. These UUIDs can be used in other APIs to get entity types and their metrics. (**getSourcesV4**)

Returns a list of available sources.

Return type

[inline response 200](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : [ "", "" ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Successfully returns all the sources. [inline response 200](#)

4XX

Client error response [inline response 4XX](#)

5XX

Server error response [inline response 4XX](#)

Models

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aiops.v4.r0.a2.error.AppMessage

[Up](#)

This schema is generated from AppMessage.java

message (optional)

[String](#)

severity (optional)

[common.v1.r0.a3.config.MessageSeverity](#)

code (optional)

[String](#)

locale (optional)

[String](#) The locale for the message description.

errorGroup (optional)

[String](#)

argumentsMap (optional)

[map\[String, String\]](#)

aiops.v4.r0.a2.error.ErrorResponse

[Up](#)

This schema is auto-generated by the Open API Dev Platform as REST response for 4xx and 5xx error responses.

error (optional)

oneOf: [aiops.v4.r0.a2.error.SchemaValidationError](#)

aiops.v4.r0.a2.error.MessageSeverity[Up](#)

Enum schema MessageSeverity

aiops.v4.r0.a2.error.SchemaValidationError[Up](#)

This schema is generated from SchemaValidationError.java

timestamp (optional)

[String](#)

statusCode (optional)

[Integer](#)

error (optional)

[String](#)

path (optional)

[String](#)

validationErrorMessage (optional)

[array\[aiops.v4.r0.a2.error.SchemaValidationErrorMessage\]](#)

aiops.v4.r0.a2.error.SchemaValidationErrorMessage[Up](#)

This schema is generated from SchemaValidationErrorMessage.java

location (optional)

[String](#)

message (optional)

[String](#)

attributePath (optional)

[String](#)

aiops.v4.r0.a2.stats.BoolList[Up](#)

boolList

[array\[Boolean\]](#)

aiops.v4.r0.a2.stats.BoolVal[Up](#)

boolValue

[Boolean](#)

aiops.v4.r0.a2.stats.DeprecationModel[Up](#)

An abstract representation of an object which has the deprecated information.

deprecatedVersion (optional)

[String](#) Deprecated after the version.

deprecatedDate (optional)

[String](#) Deprecated after the date.

deprecatedBy (optional)

[String](#) Represents the deprecation name of the attribute.

deprecatedReason (optional)

[String](#) Represents the reason for the deprecation.

aiops.v4.r0.a2.stats.DoubleList[Up](#)

doubleList

[array\[Double\]](#) format: double

aiops.v4.r0.a2.stats.DoubleVal[Up](#)

doubleValue
[Double](#) format: double

aiops.v4.r0.a2.stats.Entity[Up](#)

entityType (optional)
[String](#) Entity type of the data supported for a given source. For example VM, cluster etc.

source (optional)
[String](#) Source name for the vendors. For example 'nutanix'.

parents (optional)
[array\[aiops.v4.r0.a2.stats.Entity\]](#) Parent entity types for the given entity.

metrics (optional)
[array\[aiops.v4.r0.a2.stats.Metric\]](#) Metrics data for the entity.

extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

aiops.v4.r0.a2.stats.EntityDescriptor[Up](#)

entityType (optional)
[String](#) Entity type of the data supported for a given source. For example VM, cluster etc.

source (optional)
[String](#) Source name for the vendors. For example 'nutanix'.

displayName (optional)
[String](#) Readable name for the entity.

parents (optional)
[array\[aiops.v4.r0.a2.stats.EntityDescriptor\]](#) Parent entity types for the given entity.

metrics (optional)
[array\[aiops.v4.r0.a2.stats.MetricDescriptor\]](#)

extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

aiops.v4.r0.a2.stats.EntityDescriptorListApiResponse[Up](#)

REST response for all response codes in API path /aiops/v4.0.a2/stats/sources/{extId}/entity-descriptors Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [aiops.v4.r0.a2.error.ErrorResponse](#)

aiops.v4.r0.a2.stats.EntityListApiResponse[Up](#)

REST response for all response codes in API path /aiops/v4.0.a2/stats/sources/{sourceExtId}/entities/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [aiops.v4.r0.a2.error.ErrorResponse](#)

aiops.v4.r0.a2.stats.EntityType[Up](#)

entityTypeName (optional)

[String](#) Entity type of the data supported for a given source. For example VM, cluster etc.

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

aiops.v4.r0.a2.stats.EntityTypeListApiResponse[Up](#)

REST response for all response codes in API path /aiops/v4.0.a2/stats/sources/{extId}/entity-types Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [aiops.v4.r0.a2.error.ErrorResponse](#)

aiops.v4.r0.a2.stats.IntList[Up](#)

intList

[array\[Long\]](#) format: int64

aiops.v4.r0.a2.stats.IntVal[Up](#)

intValue

[Long](#) format: int64

aiops.v4.r0.a2.stats.Metric[Up](#)

name (optional)

[String](#)

timeSeries (optional)

[aiops.v4.r0.a2.stats.TimeSeries](#)

aiops.v4.r0.a2.stats.MetricDescriptor[Up](#)

isAttribute (optional)

[Boolean](#) Indicates whether it is an attribute or not.

isAttributePersistedAsTimeSeries (optional)

[Boolean](#) Indicator to specify whether the attribute should be persisted as time series data or not.

name (optional)

[String](#) Name of the metric.

displayName (optional)

[String](#) Readable name for the entity.

valueType (optional)

[aiops.v4.r0.a2.stats.ValueType](#)

valueRange (optional)

[aiops.v4.r0.a2.stats.ValueRange](#)

defaultValue (optional)

[String](#) Default value of the metric.

unit (optional)

[String](#) Unit for the metric.

deprecation (optional)

[aiops.v4.r0.a2.stats.DeprecationModel](#)

samplingIntervalSecs (optional)

[Integer](#) The interval value is used to resample the queried time series data by using down_sampling_operator operator. The default is 86400 seconds.

downsamplingOperator (optional)

[common.v1.r0.a3.stats.DownSamplingOperator](#)

additionalProperties (optional)

[array\[common.v1.r0.a3.config.KVPair\]](#) Additional properties for metric descriptor definition. Like anomaly metric, alert metric and search UI metric.**aiops.v4.r0.a2.stats.Point**[Up](#)

value (optional)

[Object](#) The data point value at the specified timestamp, this value can either be an integer, boolean, string, double, or a list of these types.oneOf: [aiops.v4.r0.a2.stats.StrVal](#) [aiops.v4.r0.a2.stats.BoolVal](#)[aiops.v4.r0.a2.stats.IntVal](#) [aiops.v4.r0.a2.stats.DoubleVal](#)[aiops.v4.r0.a2.stats.StrList](#) [aiops.v4.r0.a2.stats.BoolList](#)[aiops.v4.r0.a2.stats.IntList](#) [aiops.v4.r0.a2.stats.DoubleList](#)

timestamp (optional)

[Date](#) The timestamp of the metric value. format: date-time**aiops.v4.r0.a2.stats.Source**[Up](#)

sourceName (optional)

[String](#) Source name for the vendors. For example 'nutanix'.

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.**aiops.v4.r0.a2.stats.SourceListApiResponse**[Up](#)

REST response for all response codes in API path /aiops/v4.0.a2/stats/sources Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [aiops.v4.r0.a2.error.ErrorResponse](#)**aiops.v4.r0.a2.stats.StrList**[Up](#)

strList

[array\[String\]](#)**aiops.v4.r0.a2.stats.StrVal**[Up](#)

strValue

[String](#)**aiops.v4.r0.a2.stats.TimeSeries**[Up](#)

samplingIntervalSecs (optional)

[Integer](#) The interval value is used to resample the queried time series data by using down_sampling_operator operator. The default is 86400 seconds.

values (optional)
[array\[aiops.v4.r0.a2.stats.Point\]](#)

aiops.v4.r0.a2.stats.ValueRange

[Up](#)

Range of the values for the metric.

min (optional)
[Double](#) format: double
max (optional)
[Double](#) format: double

aiops.v4.r0.a2.stats.ValueType

[Up](#)

Data type of the values for the metric.

common.v1.r0.a3.config.Flag

[Up](#)

Many entities in the Nutanix APIs carry flags. This object captures all the flags associated with that entity through this object. The field that hosts this type of object must have an attribute called x-bounded-map-keys that tells which flags are actually present for that entity.

name (optional)
[String](#)
value (optional)
[Boolean](#)

common.v1.r0.a3.config.KVPair

[Up](#)

A map describing a set of keys and their corresponding values.

name (optional)
[String](#) The key of this key-value pair
value (optional)
The value associated with the key for this key-value pair
oneOf:

common.v1.r0.a3.config.Message

[Up](#)

code (optional)
[String](#) A code that uniquely identifies a message.
message (optional)
[String](#) The description of the message.
locale (optional)
[String](#) The locale for the message description.
severity (optional)
[common.v1.r0.a3.config.MessageSeverity](#)

common.v1.r0.a3.config.MessageSeverity

[Up](#)

The message severity.

common.v1.r0.a3.config.TenantAwareModel

[Up](#)

A model base class whose instances are bound to a specific tenant. This model adds a tenantId to the base model class that it extends and is automatically set by the server.

tenantId (optional)
[String](#) A globally unique identifier that represents the tenant that owns this entity. It is automatically assigned by the system and is immutable from an API consumer perspective (some use cases may cause

this Id to change - for instance a use case may require the transfer of ownership of the entity, but these cases are handled automatically on the server).

common.v1.r0.a3.response.ApiLink

[Up](#)

A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

href (optional)

[String](#) The URL at which the entity described by the link can be accessed.

rel (optional)

[String](#) A name that identifies the relationship of the link to the object that is returned by the URL. The unique value of "self" identifies the URL for the object.

common.v1.r0.a3.response.ApiResponseMetadata

[Up](#)

The metadata associated with an API response. This value is always present and minimally contains the self-link for the API request that produced this response. It also contains pagination data for the paginated requests.

flags (optional)

[array\[common.v1.r0.a3.config.Flag\]](#) An array of flags that may indicate the status of the response. For example a flag with name isPaginated and value false indicates that the response is not paginated.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) An array of HATEOAS style links for the response that may also include pagination links for list operations.

totalAvailableResults (optional)

[Integer](#) The total number of entities that are available on the server for this type. format: int32

messages (optional)

[array\[common.v1.r0.a3.config.Message\]](#) Information, Warning or Error messages that might provide additional contextual information related to the operation.

extraInfo (optional)

[array\[common.v1.r0.a3.config.KVPair\]](#) An array of entity-specific metadata

common.v1.r0.a3.response.ExternalizableAbstractModel

[Up](#)

A model that represents an object instance that is accessible through an API endpoint. Instances of this type get an extId field that contains the globally unique identifier for that instance. Externally accessible instances are always tenant aware and therefore extend the TenantAwareModel

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

tenantId (optional)

[String](#) A globally unique identifier that represents the tenant that owns this entity. It is automatically assigned by the system and is immutable from an API consumer perspective (some use cases may cause this Id to change - for instance a use case may require the transfer of ownership of the entity, but these cases are handled automatically on the server).

common.v1.r0.a3.stats.DownSamplingOperator

[Up](#)

The operator to use while performing down-sampling on stats data. Allowed values are SUM, MIN, MAX, AVG, COUNT and LAST.

inline_response_200

[Up](#)

REST response for all response codes in API path /aiops/v4.0.a2/stats/sources Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[*array\[aiops.v4.r0.a2.stats.Source\]*](#)

inline_response_200_1

[Up](#)

REST response for all response codes in API path /aiops/v4.0.a2/stats/sources/{extId}/entity-types Get operation

metadata (optional)
[*common.v1.r0.a3.response.ApiResponseMetadata*](#)
data (optional)
[*array\[aiops.v4.r0.a2.stats.EntityType\]*](#)

inline_response_200_2

[Up](#)

REST response for all response codes in API path /aiops/v4.0.a2/stats/sources/{sourceExtId}/entities/{extId} Get operation

metadata (optional)
[*common.v1.r0.a3.response.ApiResponseMetadata*](#)
data (optional)
[*array\[aiops.v4.r0.a2.stats.Entity\]*](#)

inline_response_200_3

[Up](#)

REST response for all response codes in API path /aiops/v4.0.a2/stats/sources/{extId}/entity-descriptors Get operation

metadata (optional)
[*common.v1.r0.a3.response.ApiResponseMetadata*](#)
data (optional)
[*array\[aiops.v4.r0.a2.stats.EntityDescriptor\]*](#)

inline_response_4XX

[Up](#)

REST response for all response codes in API path /aiops/v4.0.a2/stats/sources Get operation

metadata (optional)
[*common.v1.r0.a3.response.ApiResponseMetadata*](#)
data (optional)
[*aiops.v4.r0.a2.error.ErrorResponse*](#)

inline_response_4XX_1

[Up](#)

REST response for all response codes in API path /aiops/v4.0.a2/stats/sources/{extId}/entity-types Get operation

metadata (optional)
[*common.v1.r0.a3.response.ApiResponseMetadata*](#)
data (optional)
[*aiops.v4.r0.a2.error.ErrorResponse*](#)

inline_response_4XX_2

[Up](#)

REST response for all response codes in API path /aiops/v4.0.a2/stats/sources/{sourceExtId}/entities/{extId} Get operation

metadata (optional)
[*common.v1.r0.a3.response.ApiResponseMetadata*](#)
data (optional)
[*aiops.v4.r0.a2.error.ErrorResponse*](#)

inline_response_4XX_3

[Up](#)

REST response for all response codes in API path /aiops/v4.0.a2/stats/sources/{extId}/entity-descriptors Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[aiops.v4.r0.a2.error.ErrorResponse](#)

Nutanix Clustermgmt Versioned APIs

Manage Hosts, Clusters and other Infrastructure.

More information: <https://helloverb.com>

Contact Info: hello@helloverb.com

Version: 4.0.1-beta-1

BasePath: /api

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Access

1. HTTP Basic Authentication

Methods

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- [GET /clustermgmt/v4.0.b1/stats/clusters/{clusterExtId}/hosts/{hostExtId}](#)
- [GET /clustermgmt/v4.0.b1/config/clusters/{extId}/hosts](#)
- [GET /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/rackable-units/{extId}](#)
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- [PUT /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/snmp/users/{extId}](#)
- [POST /clustermgmt/v4.0.b1/config/clusters/{extId}/\\$actions/validate-node](#)

Cluster

[POST /clustermgmt/v4.0.b1/config/clusters/{extId}/\\$actions/expand-cluster](#) [Up](#)

Add node on a cluster. ([addNode](#))

Add node on a cluster. This API is not supported for XEN hypervisor type.

Path parameters

extId (required)

Path Parameter — Cluster UUID

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [clustermgmt.v4.r0.b1.config.ExpandClusterParams](#) (required)
Body Parameter – Property of the node to be added

Request headers

Return type

[inline response 202 16](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Node added successfully [inline response 202 16](#)

4XX

Client error response [inline response 4XX 28](#)

5XX

Server error response [inline response 4XX 28](#)

POST /clustermgmt/v4.0.b1/config/clusters/{extId}/rsyslog-servers

[Up](#)

Add new RSYSLOG server configuration (addRsyslogServer)

Add new RSYSLOG server configuration

Path parameters

extId (required)
Path Parameter – Cluster UUID

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [clustermgmt.v4.r0.b1.config.RsyslogServer](#) (required)
Body Parameter – RSYSLOG server to add

Return type

[inline response 202 11](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

RSYSLOG server added successfully [inline response 202 11](#)

4XX

Client error response [inline response 4XX 17](#)

5XX

Server error response [inline response 4XX 17](#)

POST /clustermgmt/v4.0.b1/config/clusters/{extId}/snmp/\$actions/add-transport [Up](#)

Add SNMP transports (addSnmpTransport)

Add SNMP transports

Path parameters

extId (required)
Path Parameter – Cluster UUID

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [clustermgmt.v4.r0.b1.config.SnmpTransport](#) (required)
Body Parameter – SNMP transports to add

Return type

[inline response 202 3](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

SNMP transport added successfully [inline response 202 3](#)

4XX

Client error response [inline response 4XX 6](#)

5XX

Server error response [inline response 4XX 6](#)

POST /clustermgmt/v4.0.b1/config/clusters/{extId}/snmp/traps

[Up](#)

Add SNMP trap (addSnmpTrap)

Add SNMP trap. For SNMP trap v3 version, SNMP username is required parameter.

Path parameters

extId (required)
Path Parameter – Cluster UUID

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [clustermgmt.v4.r0.b1.config.SnmpTrap](#) (required)
Body Parameter – SNMP trap to add

Return type

[inline response 202 8](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

SNMP trap added successfully [inline response 202 8](#)

4XX

Client error response [inline response 4XX 12](#)

5XX

Server error response [inline response 4XX 12](#)

POST /clustermgmt/v4.0.b1/config/clusters/{extId}/snmp/users

[Up](#)

Add SNMP user (addSnmpUser)

Add SNMP user

Path parameters

extId (required)
Path Parameter – Cluster UUID

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [clustermgmt.v4.r0.b1.config.SnmpUser](#) (required)
Body Parameter – SNMP user to add

Return type

[inline response 202 5](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

SNMP user added successfully [inline response 202 5](#)

4XX

Client error response [inline response 4XX 8](#)

5XX

Server error response [inline response 4XX 8](#)

POST /clustermgmt/v4.0.b1/config/clusters

[Up](#)

Create a cluster (createCluster)

Cluster create operation.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request bodybody [clustermgmt.v4.r0.b1.config.Cluster](#) (required)*Body Parameter* – The required parameters for cluster create workflow**Request headers****Return type**[inline response 202 1](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**Cluster created successfully [inline response 202 1](#)**4XX**Client error response [inline response 4XX 3](#)**5XX**Server error response [inline response 4XX 3](#)

DELETE /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/rsyslog-servers/{extId}

Delete RSYSLOG Server (**deleteRsyslogServer**)

Delete RSYSLOG Server

Path parameters**clusterExtId** (required)*Path Parameter* – Cluster UUID**extId** (required)*Path Parameter* – RSYSLOG server UUID

Return type[inline response 202 13](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**RSYSLOG server deleted successfully [inline response 202 13](#)**4XX**Client error response [inline response 4XX 20](#)**5XX**Server error response [inline response 4XX 20](#)

DELETE /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/snmp/traps/{extId} [Up](#)

Delete SNMP trap (**deleteSnmpTrap**)

Delete SNMP trap

Path parameters**clusterExtId (required)***Path Parameter* — Cluster UUID**extId (required)***Path Parameter* — SNMP trap UUID**Return type**[inline response 202 10](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

SNMP trap deleted successfully [inline response 202 10](#)

4XX

Client error response [inline response 4XX 15](#)

5XX

Server error response [inline response 4XX 15](#)

DELETE /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/snmp/users/{extId} [Up](#)

Delete SNMP user (`deleteSnpUser`)

Delete SNMP user

Path parameters

clusterExtId (required)

Path Parameter — Cluster UUID

extId (required)

Path Parameter — SNMP user UUID**Return type**[inline response 202 7](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
```

```

    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

SNMP user deleted successfully [inline response 202 7](#)

4XX

Client error response [inline response 4XX 11](#)

5XX

Server error response [inline response 4XX 11](#)

POST /clustermgmt/v4.0.b1/config/clusters/{extId}/\$actions/discover-unconfigured [Up](#)

Discover unconfigured nodes (**discoverUnconfiguredNodes**)

Get the unconfigured node details such as node UUID, node position, node IP, foundation version and more.

Path parameters**extId (required)***Path Parameter* — Cluster UUID**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/json

Request bodybody [clustermgmt.v4.r0.b1.config.NodeDiscoveryParams](#) (required)*Body Parameter* — Discover unconfigured node details**Return type**[inline response 202 14](#)**Example data**

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",

```

```

    "value" : false
  }, {
    "name" : "name",
    "value" : false
  } ],
  "messages" : [ {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : {
  "extId" : "extId"
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Returns the task UUID which can be used to track the progress and the node discovery information [inline response 202 14](#)

4XX

Client error response [inline response 4XX 26](#)

5XX

Server error response [inline response 4XX 26](#)

GET /clustermgmt/v4.0.b1/config/hosts

[Up](#)

Get all host entities (**getAllHosts**)

Get all host entities

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

- bootTimeUssecs
- cluster/name
- cluster/uuid
- cpuCapacityHz
- cpuFrequencyHz
- cpuModel
- defaultVhdContainerUuid
- defaultVhdLocation
- defaultVmContainerUuid
- defaultVmLocation
- gpuDriverVersion
- gpuList
- hostName
- hypervisor/type
- memorySizeBytes
- numberOfCpuCores
- numberOfCpuSockets
- numberOfCpuThreads

\$orderby (optional)

Query Parameter — <p>A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, 'Sortby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:</p> cluster/name controllerVm/externalAddress/ipv4/value controllerVm/externalAddress/ipv6/value hostName hostType hypervisor/type memorySizeBytes

\$apply (optional)

Query Parameter — <p>A URL query parameter that allows clients to specify a sequence of transformations to the entity set, such as groupby, filter, aggregate etc. As of now only support for groupby exists. For example 'Sapply=groupby((templateName))' would get all templates grouped by templateName. The groupby can be applied on the following fields:</p> cluster/name hypervisor/type

\$select (optional)

Query Parameter — <p>A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.</p> blockModel blockSerial bootTimeUsecs cluster cpuCapacityHz cpuFrequencyHz cpuModel defaultVhdContainerUuid defaultVhdLocation defaultVmContainerUuid defaultVmLocation failoverClusterFqdn failoverClusterNodeStatus gpuDriverVersion gpuList hostName hostType maintenanceState memorySizeBytes nodeStatus numberOfCpuCores numberOfCpuSockets numberOfCpuThreads rebootPending

Return type

[inline response 200 13](#)

Example data

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults" : 0,
    "flags": [ {
      "name": "name",
      "value" : false
    }, {
      "name": "name",
      "value" : false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    }, {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    } ],
    "links": [ {
      "rel": "rel",
      "href": "href"
    }, {
      "rel": "rel",
      "href": "href"
    } ],
    "extraInfo": [ {
      "name": "name",
      "value": ""
    }, {
      "name": "name",
      "value": ""
    } ]
  },
  "data": [ "", "" ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

The requested Host entities [inline response 200 13](#)

4XX

Client error response [inline response 4XX 33](#)

5XX

Server error response [inline response 4XX 33](#)[Up](#)

GET /clustermgmt/v4.0.b1/config/clusters/{extId}

Get cluster entity (**getCluster**)

Get cluster entity

Path parameters

extId (required)*Path Parameter* — Cluster UUID

Return type

[inline response 200](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

The requested Cluster entity [inline response 200](#)

4XX

Client error response [inline response 4XX](#)

5XX

Server error response [inline response 4XX](#)[Up](#)

GET /clustermgmt/v4.0.b1/stats/clusters/{clusterExtId}

Get cluster statistics (**getClusterStatsInfo**)

Get cluster statistics

Path parameters

clusterExtId (required)
Path Parameter — Cluster UUID

Query parameters

\$startTime (optional)

Query Parameter — The start time of the period for which stats should be reported. The value should be in extended ISO-8601 format. For example, start time of 2022-04-23T01:23:45.678+09:00 would consider all stats starting at 1:23:45.678 on the 23rd of April 2022. Details around ISO-8601 format can be found at <https://www.iso.org/standard/70907.html>

\$endTime (optional)

Query Parameter — The end time of the period for which stats should be reported. The value should be in extended ISO-8601 format. For example, end time of 2022-04-23T013:23:45.678+09:00 would consider all stats till 13:23:45 .678 on the 23rd of April 2022. Details around ISO-8601 format can be found at <https://www.iso.org/standard/70907.html>

\$samplingInterval (optional)

Query Parameter — The sampling interval in seconds at which statistical data should be collected For example, do you want performance statistics every 30 seconds? Every 60 seconds?

\$statType (optional)

Query Parameter —

Return type

[inline response 200 18](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Get cluster statistics response [inline response 200 18](#)

4XX

Client error response [inline response 4XX 38](#)

5XX

Server error response [inline response 4XX 38](#)

GET /clustermgmt/v4.0.b1/config/clusters

Get cluster entities (**getClusters**)

Get cluster entities

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

- config/buildInfo/version
- config/encryptionInTransitStatus
- config/encryptionOption
- config/encryptionScope
- config/hypervisorTypes
- extId
- name
- network/keyManagementServerType
- upgradeStatus

\$orderby (optional)

Query Parameter —

A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- config/buildInfo/version
- config/encryptionOption
- config/encryptionScope
- config/hypervisorTypes
- inefficientVmCount
- name
- network/keyManagementServerType
- nodes/numberOfNodes
- upgradeStatus
- vmCount

\$apply (optional)

Query Parameter —

A URL query parameter that allows clients to specify a sequence of transformations to the entity set, such as groupby, filter, aggregate etc. As of now only support for groupby exists. For example '\$apply=groupby((templateName))' would get all templates grouped by templateName. The groupby can be applied on the following fields:

- config/buildInfo/version
- nodes/numberOfNodes

\$select (optional)

Query Parameter —

A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.

- inefficientVmCount
- name
- upgradeStatus
- vmCount

Return type

[inline response 200 1](#)

Example data

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults" : 0,
    "flags": [ {
      "name": "name",
      "value" : false
    }, {
      "name": "name",
      "value" : false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    }, {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    } ],
    "links": [ {
      "rel": "rel",
      "href": "href"
    }, {
```

```

    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : [ "", "" ]
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**The requested Cluster entities [inline response 200 1](#)**4XX**Client error response [inline response 4XX 2](#)**5XX**Server error response [inline response 4XX 2](#)

GET /clustermgmt/v4.0.b1/config/clusters/{extId}/fault-tolerance-status

[Up](#)Get domain fault tolerance status (**getDomainFaultToleranceStatus**)

Get domain fault tolerance status

Path parameters**extId (required)***Path Parameter* – Cluster UUID**Return type**[inline response 200 9](#)**Example data**

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },

```

```
data" : [ {
  "componentStatus" : [ {
    "maxFaultsTolerated" : 0,
    "underComputation" : true,
    "detailMessage" : {
      "attributeList" : [ {
        "attribute" : "attribute",
        "value" : "value"
      }, {
        "attribute" : "attribute",
        "value" : "value"
      }, {
        "attribute" : "attribute",
        "value" : "value"
      }, {
        "attribute" : "attribute",
        "value" : "value"
      }, {
        "attribute" : "attribute",
        "value" : "value"
      }, {
        "attribute" : "attribute",
        "value" : "value"
      }, {
        "attribute" : "attribute",
        "value" : "value"
      }, {
        "attribute" : "attribute",
        "value" : "value"
      }, {
        "attribute" : "attribute",
        "value" : "value"
      }, {
        "attribute" : "attribute",
        "value" : "value"
      } ],
      "id" : "id"
    },
    "type" : "$UNKNOWN",
    "lastUpdatesSecs" : "2000-01-23T04:56:07.000+00:00"
  }, {
    "maxFaultsTolerated" : 0,
    "underComputation" : true,
    "detailMessage" : {
      "attributeList" : [ {
        "attribute" : "attribute",
        "value" : "value"
      }, {
        "attribute" : "attribute",
        "value" : "value"
      }, {
        "attribute" : "attribute",
        "value" : "value"
      }, {
        "attribute" : "attribute",
        "value" : "value"
      }, {
        "attribute" : "attribute",
        "value" : "value"
      }, {
        "attribute" : "attribute",
        "value" : "value"
      }, {
        "attribute" : "attribute",
        "value" : "value"
      }, {
        "attribute" : "attribute",
        "value" : "value"
      }, {
        "attribute" : "attribute",
        "value" : "value"
      }, {
        "attribute" : "attribute",
        "value" : "value"
      } ],
      "id" : "id"
    },
    "type" : "$UNKNOWN",
    "lastUpdatesSecs" : "2000-01-23T04:56:07.000+00:00"
  }, {
    "maxFaultsTolerated" : 0,
```

```
"underComputation" : true,
"detailMessage" : {
  "attributeList" : [ {
    "attribute" : "attribute",
    "value" : "value"
  }, {
    "attribute" : "attribute",
    "value" : "value"
  }, {
    "attribute" : "attribute",
    "value" : "value"
  }, {
    "attribute" : "attribute",
    "value" : "value"
  }, {
    "attribute" : "attribute",
    "value" : "value"
  }, {
    "attribute" : "attribute",
    "value" : "value"
  }, {
    "attribute" : "attribute",
    "value" : "value"
  }, {
    "attribute" : "attribute",
    "value" : "value"
  }, {
    "attribute" : "attribute",
    "value" : "value"
  } ],
  "id" : "id"
},
"type" : "$UNKNOWN",
"lastUpdatesSecs" : "2000-01-23T04:56:07.000+00:00"
}, {
  "maxFaultsTolerated" : 0,
  "underComputation" : true,
  "detailMessage" : {
    "attributeList" : [ {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    } ],
    "id" : "id"
  },
  "type" : "$UNKNOWN",
  "lastUpdatesSecs" : "2000-01-23T04:56:07.000+00:00"
}, {
  "maxFaultsTolerated" : 0,
  "underComputation" : true,
  "detailMessage" : {
    "attributeList" : [ {
```

```
{
  "attribute" : "attribute",
  "value" : "value"
}, {
  "attribute" : "attribute",
  "value" : "value"
}, {
  "attribute" : "attribute",
  "value" : "value"
}, {
  "attribute" : "attribute",
  "value" : "value"
}, {
  "attribute" : "attribute",
  "value" : "value"
}, {
  "attribute" : "attribute",
  "value" : "value"
}, {
  "attribute" : "attribute",
  "value" : "value"
}, {
  "attribute" : "attribute",
  "value" : "value"
}, {
  "attribute" : "attribute",
  "value" : "value"
}, {
  "attribute" : "attribute",
  "value" : "value"
} ],
"id" : "id"
},
"type" : "$UNKNOWN",
"lastUpdatesSecs" : "2000-01-23T04:56:07.000+00:00"
}, {
  "maxFaultsTolerated" : 0,
  "underComputation" : true,
  "detailMessage" : {
    "attributeList" : [ {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    } ],
    "id" : "id"
  },
  "type" : "$UNKNOWN",
  "lastUpdatesSecs" : "2000-01-23T04:56:07.000+00:00"
}, {
  "maxFaultsTolerated" : 0,
  "underComputation" : true,
  "detailMessage" : {
    "attributeList" : [ {
      "attribute" : "attribute",
      "value" : "value"
    }, {
```

```
{
    "attribute" : "attribute",
    "value" : "value"
}, {
    "attribute" : "attribute",
    "value" : "value"
}, {
    "attribute" : "attribute",
    "value" : "value"
}, {
    "attribute" : "attribute",
    "value" : "value"
}, {
    "attribute" : "attribute",
    "value" : "value"
}, {
    "attribute" : "attribute",
    "value" : "value"
}, {
    "attribute" : "attribute",
    "value" : "value"
}, {
    "attribute" : "attribute",
    "value" : "value"
}, {
    "attribute" : "attribute",
    "value" : "value"
} ],
"id" : "id"
},
"type" : "$UNKNOWN",
"lastUpdatesSecs" : "2000-01-23T04:56:07.000+00:00"
}, {
    "maxFaultsTolerated" : 0,
    "underComputation" : true,
    "detailMessage" : {
        "attributeList" : [ {
            "attribute" : "attribute",
            "value" : "value"
        }, {
            "attribute" : "attribute",
            "value" : "value"
        }, {
            "attribute" : "attribute",
            "value" : "value"
        }, {
            "attribute" : "attribute",
            "value" : "value"
        }, {
            "attribute" : "attribute",
            "value" : "value"
        }, {
            "attribute" : "attribute",
            "value" : "value"
        }, {
            "attribute" : "attribute",
            "value" : "value"
        }, {
            "attribute" : "attribute",
            "value" : "value"
        }, {
            "attribute" : "attribute",
            "value" : "value"
        } ],
        "id" : "id"
    },
    "type" : "$UNKNOWN",
    "lastUpdatesSecs" : "2000-01-23T04:56:07.000+00:00"
} ] ,
"type" : "$UNKNOWN"
}, {
    "componentStatus" : [ {
        "maxFaultsTolerated" : 0,
        "underComputation" : true,
        "detailMessage" : {
            "attributeList" : [ {
                "attribute" : "attribute",
                "value" : "value"
            }, {
```

```
{
  "attribute" : "attribute",
  "value" : "value"
}, {
  "attribute" : "attribute",
  "value" : "value"
}, {
  "attribute" : "attribute",
  "value" : "value"
}, {
  "attribute" : "attribute",
  "value" : "value"
}, {
  "attribute" : "attribute",
  "value" : "value"
}, {
  "attribute" : "attribute",
  "value" : "value"
}, {
  "attribute" : "attribute",
  "value" : "value"
}, {
  "attribute" : "attribute",
  "value" : "value"
}, {
  "attribute" : "attribute",
  "value" : "value"
} ],
"id" : "id"
},
"type" : "$UNKNOWN",
"lastUpdatesSecs" : "2000-01-23T04:56:07.000+00:00"
}, {
  "maxFaultsTolerated" : 0,
  "underComputation" : true,
  "detailMessage" : {
    "attributeList" : [ {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    } ],
    "id" : "id"
  },
  "type" : "$UNKNOWN",
  "lastUpdatesSecs" : "2000-01-23T04:56:07.000+00:00"
}, {
  "maxFaultsTolerated" : 0,
  "underComputation" : true,
  "detailMessage" : {
    "attributeList" : [ {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    }, {

```



```
{
  "attribute" : "attribute",
  "value" : "value"
}, {
  "attribute" : "attribute",
  "value" : "value"
}, {
  "attribute" : "attribute",
  "value" : "value"
}, {
  "attribute" : "attribute",
  "value" : "value"
}, {
  "attribute" : "attribute",
  "value" : "value"
}, {
  "attribute" : "attribute",
  "value" : "value"
}, {
  "attribute" : "attribute",
  "value" : "value"
} ],
"id" : "id"
},
"type" : "$UNKNOWN",
"lastUpdatesSecs" : "2000-01-23T04:56:07.000+00:00"
}, {
  "maxFaultsTolerated" : 0,
  "underComputation" : true,
  "detailMessage" : {
    "attributelist" : [ {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    } ],
    "id" : "id"
  },
  "type" : "$UNKNOWN",
  "lastUpdatesSecs" : "2000-01-23T04:56:07.000+00:00"
}, {
  "maxFaultsTolerated" : 0,
  "underComputation" : true,
  "detailMessage" : {
    "attributelist" : [ {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    }, {
      "attribute" : "attribute",
      "value" : "value"
    } ],
    "id" : "id"
  },
  "type" : "$UNKNOWN",
  "lastUpdatesSecs" : "2000-01-23T04:56:07.000+00:00"
}
```

```
{
    "attribute": "attribute",
    "value": "value"
}, {
    "attribute": "attribute",
    "value": "value"
}, {
    "attribute": "attribute",
    "value": "value"
}, {
    "attribute": "attribute",
    "value": "value"
}, {
    "attribute": "attribute",
    "value": "value"
}, {
    "attribute": "attribute",
    "value": "value"
} ],
"id": "id"
},
"type": "$UNKNOWN",
"lastUpdatesSecs": "2000-01-23T04:56:07.000+00:00"
}, {
    "maxFaultsTolerated": 0,
    "underComputation": true,
    "detailMessage": {
        "attributeList": [ {
            "attribute": "attribute",
            "value": "value"
        }, {
            "attribute": "attribute",
            "value": "value"
        }, {
            "attribute": "attribute",
            "value": "value"
        }, {
            "attribute": "attribute",
            "value": "value"
        }, {
            "attribute": "attribute",
            "value": "value"
        }, {
            "attribute": "attribute",
            "value": "value"
        }, {
            "attribute": "attribute",
            "value": "value"
        }, {
            "attribute": "attribute",
            "value": "value"
        }, {
            "attribute": "attribute",
            "value": "value"
        } ],
        "id": "id"
    },
    "type": "$UNKNOWN",
    "lastUpdatesSecs": "2000-01-23T04:56:07.000+00:00"
}, {
    "maxFaultsTolerated": 0,
    "underComputation": true,
    "detailMessage": {
        "attributeList": [ {
            "attribute": "attribute",
            "value": "value"
        }, {
            "attribute": "attribute",
            "value": "value"
        }, {
            "attribute": "attribute",
            "value": "value"
        }, {
            "attribute": "attribute",
            "value": "value"
        } ],
        "id": "id"
    },
    "type": "$UNKNOWN",
    "lastUpdatesSecs": "2000-01-23T04:56:07.000+00:00"
```

[illegible]

Produce

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

The requested domain fault tolerance status [inline response 200 9](#)

4XX

Client error response [inline response 4XX 23](#)

5XX

Server error response [inline response 4XX](#) 23

GET /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/hosts/{extId}

Get host entity (**getHost**)

Get host entity

Path parameters

clusterExtId (required)
Path Parameter – Cluster UUID

extId (required)
Path Parameter – Host UUID

Return type

[inline response 200 10](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

The requested Host entity [inline response 200 10](#)

4XX

Client error response [inline response 4XX 24](#)

5XX

Server error response [inline response 4XX 24](#)

GET /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/hosts/{hostExtId}/host-nic

Get host NIC (**getHostNic**)

Get host NIC

Path parameters

clusterExtId (required)

Path Parameter — Cluster UUID

hostExtId (required)

Path Parameter — Host UUID

extId (required)

Path Parameter — Host NIC UUID

Return type

[inline response 200 15](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

The requested host NIC entity [inline response 200 15](#)

4XX

Client error response [inline response 4XX 35](#)

5XX

Server error response [inline response 4XX 35](#)

GET /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/hosts/{extId}/host-nics Up

Get host NICs (**getHostNics**)

Get host NICs

Path parameters

clusterExtId (required)

Path Parameter — Cluster UUID

extId (required)

Path Parameter — Host UUID

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

- dhcpEnabled
- discoveryProtocol
- interfaceStatus
- linkSpeedInKbps
- macAddress
- mtuInBytes
- name
- nodeUuid
- rxRingSizeInBytes
- switchDeviceId
- switchMacAddress
- switchManagementIp/ipv4/value
- switchManagementIp/ipv6/value
- switchPortId
- switchVlanId
- txRingSizeInBytes

\$orderby (optional)

Query Parameter —

A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- name

\$select (optional)

Query Parameter —

A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.

- dhcpEnabled
- discoveryProtocol
- hostDescription
- interfaceStatus
- linkSpeedInKbps
- macAddress
- mtuInBytes
- name
- nodeUuid
- rxRingSizeInBytes
- switchDeviceId
- switchMacAddress
- switchManagementIp
- switchPortId
- switchVlanId
- txRingSizeInBytes

Return type

[inline response 200 14](#)

Example data

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults" : 0,
    "flags": [ {
      "name": "name",
      "value" : false
    }, {
      "name": "name",
      "value" : false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    }, {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    } ],
    "links": [ {
      "rel": "rel",
      "href": "href"
    }, {
      "rel": "rel",
      "href": "href"
    } ],
    "extraInfo": [ {
      "name": "name",
      "value": ""
    }, {
      "name": "name",
      "value": ""
    } ]
  },
}
```

```

    "data" : [ "", "" ]
  }

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**

The requested host NIC entities [inline response 200 14](#)

4XX

Client error response [inline response 4XX 34](#)

5XX

Server error response [inline response 4XX 34](#)

GET /clustermgmt/v4.0.b1/stats/clusters/{clusterExtId}/hosts/{hostExtId}

[Up](#)

Get host statistics ([getHostStatsInfo](#))

Get host statistics

Path parameters

clusterExtId (required)

Path Parameter — Cluster UUID

hostExtId (required)

Path Parameter — Host UUID

Query parameters

\$startTime (optional)

Query Parameter — The start time of the period for which stats should be reported. The value should be in extended ISO-8601 format. For example, start time of 2022-04-23T01:23:45.678+09:00 would consider all stats starting at 1:23:45.678 on the 23rd of April 2022. Details around ISO-8601 format can be found at <https://www.iso.org/standard/70907.html>

\$endTime (optional)

Query Parameter — The end time of the period for which stats should be reported. The value should be in extended ISO-8601 format. For example, end time of 2022-04-23T013:23:45.678+09:00 would consider all stats till 13:23:45 .678 on the 23rd of April 2022. Details around ISO-8601 format can be found at <https://www.iso.org/standard/70907.html>

\$samplingInterval (optional)

Query Parameter — The sampling interval in seconds at which statistical data should be collected For example, do you want performance statistics every 30 seconds? Every 60 seconds?

\$statType (optional)

Query Parameter —

Return type

[inline response 200 19](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",

```

```

    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Get host statistics response [inline_response_200_19](#)

4XX

Client error response [inline_response_4XX_39](#)

5XX

Server error response [inline_response_4XX_39](#)

GET /clustermgmt/v4.0.b1/config/clusters/{extId}/hosts

[Up](#)

Get host entities of a cluster (**getHosts**)

Get host entities of a cluster

Path parameters

extId (required)

Path Parameter — Cluster UUID

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

- bootTimeUseSecs
- cluster/name
- cluster/uuid
- cpuCapacityHz
- cpuFrequencyHz
- cpuModel
- defaultVhdContainerUuid
- defaultVhdLocation
- defaultVmContainerUuid
- defaultVmLocation
- gpuDriverVersion
- gpuList
- hostName
- hypervisor/type
- memorySizeBytes
- numberOfCpuCores
- numberOfCpuSockets
- numberOfCpuThreads

\$orderby (optional)

Query Parameter —

A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- cluster/name
- controllerVm/externalAddress/ipv4/value
- controllerVm/externalAddress/ipv6/value
- hostName
- hostType
- hypervisor/type
- memorySizeBytes

\$apply (optional)

Query Parameter —

A URL query parameter that allows clients to specify a sequence of transformations to the entity set, such as groupby, filter, aggregate etc. As of now only support for groupby exists. For example '\$apply=groupby((templateName))' would get all templates grouped by templateName. The groupby can be applied on the following fields:

- cluster/name
- hypervisor/type

\$select (optional)

Query Parameter —

A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.

- blockModel


```

<li>blockSerial</li> <li>bootTimeUsecs</li> <li>cluster</li> <li>cpuCapacityHz</li>
<li>cpuFrequencyHz</li> <li>cpuModel</li> <li>defaultVhdContainerUuid</li>
<li>defaultVhdLocation</li> <li>defaultVmContainerUuid</li> <li>defaultVmLocation</li>
<li>failoverClusterFqdn</li> <li>failoverClusterNodeStatus</li> <li>gpuDriverVersion</li>
<li>gpuList</li> <li>hostName</li> <li>hostType</li> <li>maintenanceState</li>
<li>memorySizeBytes</li> <li>nodeStatus</li> <li>numberOfCpuCores</li>
<li>numberOfCpuSockets</li> <li>numberOfCpuThreads</li> <li>rebootPending</li> </ul>

```

Return type[inline response 200 11](#)**Example data**

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : [ "", "" ]
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**The requested Host entities [inline response 200 11](#)**4XX**Client error response [inline response 4XX 25](#)**5XX**Server error response [inline response 4XX 25](#)

GET /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/rackable-units/{extId} [Up](#)

Get rackable unit entity ([getRackableUnit](#))

Get rackable unit entity

Path parameters**clusterExtId (required)***Path Parameter* — Cluster UUID**extId (required)***Path Parameter* — Rackable unit UUID

Return type[inline response 200 8](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

The requested rackable unit entity [inline response 200 8](#)

4XX

Client error response [inline response 4XX 22](#)

5XX

Server error response [inline response 4XX 22](#)

GET /clustermgmt/v4.0.b1/config/clusters/{extId}/rackable-units

[Up](#)Get rackable unit entities of a cluster (**getRackableUnits**)

Get rackable unit entities of a cluster

Path parameters**extId (required)***Path Parameter* — Cluster UUID**Return type**[inline response 200 7](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
```

```
    "value" : false
  }, {
    "name" : "name",
    "value" : false
  } ],
  "messages" : [ {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : [ "", "" ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

The requested rackable unit entities [inline response 200 7](#)

4XX

Client error response [inline response 4XX 21](#)

5XX

Server error response [inline response 4XX 21](#)

GET /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/rsyslog-servers/{extId} [Up](#)

Get RSYSLOG server configuration ([getRsyslogServer](#))

Get RSYSLOG server configuration

Path parameters

clusterExtId (required)

Path Parameter — Cluster UUID

extId (required)

Path Parameter — RSYSLOG server UUID

Return type

[inline response 200 6](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",

```

```
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
}, {
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

The requested RSYSLOG server configuration [inline response 200 6](#)

4XX

Client error response [inline response 4XX 18](#)

5XX

Server error response [inline response 4XX 18](#)

GET /clustermgmt/v4.0.b1/config/clusters/{extId}/rsyslog-servers

[Up](#)

Get RSYSLOG servers configuration details ([getRsyslogServers](#))

Get RSYSLOG servers configuration details

Path parameters

extId (required)

Path Parameter — Cluster UUID

Return type

[inline response 200 5](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {

```

```

    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : [ "", "" ]
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**The requested RSYSLOG configuration [inline response 200_5](#)**4XX**Client error response [inline response 4XX_16](#)**5XX**Server error response [inline response 4XX_16](#)

GET /clustermgmt/v4.0.b1/config/clusters/{extId}/snmp

[Up](#)Get SNMP information (**getSnmp**)

Get SNMP information

Path parameters**extId (required)***Path Parameter* – Cluster UUID**Return type**[inline response 200_2](#)**Example data**

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },

```



```

    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

SNMP trap retrieved successfully [inline response 200 4](#)

4XX

Client error response [inline response 4XX 13](#)

5XX

Server error response [inline response 4XX 13](#)

GET /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/snmp/users/{extId} [Up](#)

Get SNMP user configuration (getSnmpUser)

Get SNMP user configuration

Path parameters

clusterExtId (required)

Path Parameter — Cluster UUID

extId (required)

Path Parameter — SNMP user UUID

Return type

[inline response 200 3](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",

```

```

    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

SNMP user retrieved successfully [inline response 200 3](#)

4XX

Client error response [inline response 4XX 9](#)

5XX

Server error response [inline response 4XX 9](#)

GET /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/hosts/{hostExtId}/virtualNICs/{virtualNICExtId}

Get virtual NIC ([getVirtualNic](#))

Get virtual NIC

Path parameters

clusterExtId (required)

Path Parameter — Cluster UUID

hostExtId (required)

Path Parameter — Host UUID

extId (required)

Path Parameter — Virtual NIC UUID

Return type

[inline response 200 17](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {

```



```

    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**

The requested virtual NIC entity [inline response 200 17](#)

4XX

Client error response [inline response 4XX 37](#)

5XX

Server error response [inline response 4XX 37](#)

GET /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/hosts/{extId}/virtual-nics

Get virtual NICs ([getVirtualNics](#))

Get virtual NICs

Path parameters

clusterExtId (required)

Path Parameter — Cluster UUID

extId (required)

Path Parameter — Host UUID

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

- dhcpEnabled
- interfaceStatus
- linkSpeedInKbps
- macAddress
- mtuInBytes
- name
- nodeUuid
- vlanId

\$orderby (optional)

Query Parameter —

A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- name

\$select (optional)

Query Parameter —

A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.

- dhcpEnabled
- hostDescription
- interfaceStatus
- linkSpeedInKbps
- macAddress
- mtuInBytes
- name
- nodeUuid
- vlanId

Return type

[inline response 200 16](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : [ "", "" ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

The requested virtual NIC entities of the host [inline response 200 16](#)

4XX

Client error response [inline response 4XX 36](#)

5XX

Server error response [inline response 4XX 36](#)

POST /clustermgmt/v4.0.b1/config/clusters/{extId}/\$actions/check-hypervisor-req

Get hypervisor ISO upload information (**isHypervisorUploadRequired**)

Provides information on whether hypervisor ISO upload is required or not. This API is not supported for XEN hypervisor type.

Path parameters

extId (required)

Path Parameter — Cluster UUID

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [clustermgmt.v4.r0.b1.config.HypervisorUploadParam](#) (required)

Body Parameter — Parameters to get information on whether hypervisor ISO upload is required or not

Return type

[inline response 202 17](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Provides information on whether hypervisor ISO upload is required or not. This API is not supported for XEN hypervisor type. [inline response 202 17](#)

4XX

Client error response [inline response 4XX 29](#)

5XX

Server error response [inline response 4XX 29](#)

POST /clustermgmt/v4.0.b1/config/clusters/{extId}/\$actions/fetch-node-networking Up

Get network information of unconfigured nodes (**nodesNetworkingDetails**)

Get a dictionary of cluster networks and available uplinks on the given nodes. This API is not supported for XEN hypervisor type.

Path parameters

extId (required)

Path Parameter — Cluster UUID

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [clustermgmt.v4.r0.b1.config.NodeDetails](#) (required)

Body Parameter — Node specific details required to fetch node networking information

Return type

[inline response 202 15](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Returns the task UUID which can be used to track the progress and contains node networking information [inline_response_202_15](#)

4XX

Client error response [inline_response_4XX_27](#)

5XX

Server error response [inline_response_4XX_27](#)

POST /clustermgmt/v4.0.b1/config/clusters/{extId}/\$actions/remove-node

[Up](#)

Removes nodes from cluster (**removeNode**)

Removes nodes from cluster

Path parameters

extId (required)

Path Parameter — Cluster UUID

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [clustermgmt.v4.r0.b1.config.NodeRemovalParams](#) (required)

Body Parameter — Parameters to remove nodes from cluster

Request headers**Return type**

[inline response 202 19](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**Task generated for node removal [inline response 202 19](#)**4XX**Client error response [inline response 4XX 31](#)**5XX**Server error response [inline response 4XX 31](#)

POST /clustermgmt/v4.0.b1/config/clusters/{extId}/snmp/\$actions/remove-transport [Up](#)

Remove SNMP transports (removeSnmpTransport)

Remove SNMP transports

Path parameters**extId (required)***Path Parameter* — Cluster UUID**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/json

Request bodybody [clustermgmt.v4.r0.b1.config.SnmpTransport](#) (required)*Body Parameter* — SNMP transports to remove

Return type[inline response 202 4](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**SNMP transport removed successfully [inline response 202 4](#)**4XX**Client error response [inline response 4XX 7](#)**5XX**Server error response [inline response 4XX 7](#)

POST /clustermgmt/v4.0.b1/config/tasks/{extId}/\$actions/fetch-task-response [Up](#)

Get task response based on the type of request (**searchTask**)

Get task response based on the type of request

Path parameters**extId (required)**

Path Parameter — The external identifier of the task.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [clustermgmt.v4.r0.b1.config.SearchParams](#) (required)

Body Parameter — Search parameters

Return type[inline response 200 12](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "searchType" : "$UNKNOWN",
    "response" : ""
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**Get the response based on the search type [inline response 200 12](#)**4XX**Client error response [inline response 4XX 32](#)**5XX**Server error response [inline response 4XX 32](#)

PUT /clustermgmt/v4.0.b1/config/clusters/{extId}

[Up](#)**Update cluster (updateCluster)**

Update cluster operation.

Path parameters**extId (required)***Path Parameter* — Cluster UUID**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/json

Request bodybody [clustermgmt.v4.r0.b1.config.Cluster](#) (required)

Body Parameter — Cluster resource to update

Request headers

Return type

[inline response 202](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Cluster resource updated successfully [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

PUT /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/rsyslog-servers/{extId} ^{Up}

Update RSYSLOG server configuration (`updateRsyslogServer`)

Update RSYSLOG server configuration except RSYSLOG server name as it is a primary key of the entity.

Path parameters

clusterExtId (required)

Path Parameter — Cluster UUID

extId (required)

Path Parameter — RSYSLOG server UUID

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [clustermgmt.v4.r0.b1.config.RsyslogServer](#) (required)
Body Parameter — RSYSLOG server to update

Request headers

Return type

[inline response 202 12](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

RSYSLOG server updated successfully [inline response 202 12](#)

4XX

Client error response [inline response 4XX 19](#)

5XX

Server error response [inline response 4XX 19](#)

POST /clustermgmt/v4.0.b1/config/clusters/{extId}/snmp/\$actions/update-status Up

Update SNMP status ([updateSnmpStatus](#))

Update SNMP status

Path parameters

extId (required)

Path Parameter – Cluster UUID

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [clustermgmt.v4.r0.b1.config.SnmpStatusParam](#) (required)
Body Parameter – SNMP status

Return type

[inline response 202 2](#)

Example data

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults" : 0,
    "flags": [ {
      "name": "name",
      "value" : false
    }, {
      "name": "name",
      "value" : false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    }, {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    } ],
    "links": [ {
      "rel": "rel",
      "href": "href"
    }, {
      "rel": "rel",
      "href": "href"
    } ],
    "extraInfo": [ {
      "name": "name",
      "value": ""
    }, {
      "name": "name",
      "value": ""
    } ]
  },
  "data": {
    "extId": "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

SNMP status updated successfully [inline response 202 2](#)

4XX

Client error response [inline response 4XX 5](#)

5XX

Server error response [inline response 4XX 5](#)

PUT /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/snmp/traps/{extId} [Up](#)

Update SNMP trap ([updateSnmpTrap](#))

Update SNMP trap. For SNMP trap v3 version, SNMP username is required parameter.

Path parameters

clusterExtId (required)
Path Parameter — Cluster UUID

extId (required)
Path Parameter — SNMP trap UUID

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [clustermgmt.v4.r0.b1.config.SnmpTrap](#) (required)
Body Parameter — SNMP trap to update

Request headers

Return type

[inline response 202 9](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

SNMP trap updated successfully [inline response 202 9](#)

4XX

Client error response [inline response 4XX 14](#)

5XX

Server error response [inline response 4XX 14](#)

PUT /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/snmp/users/{extId} [Up](#)

Update SNMP user (updateSnmpUser)

Update SNMP user

Path parameters

clusterExtId (required)
Path Parameter — Cluster UUID

extId (required)
Path Parameter — SNMP user UUID

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [clustermgmt.v4.r0.b1.config.SnmpUser](#) (required)
Body Parameter — SNMP user to update

Request headers

Return type

[inline response 202 6](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

SNMP user updated successfully [inline response 202 6](#)

4XX

Client error response [inline response 4XX 10](#)

5XX

Server error response [inline response 4XX 10](#)

POST /clustermgmt/v4.0.b1/config/clusters/{extId}/\$actions/validate-node

[Up](#)

Validates hypervisor bundle and node uplinks (**validateNode**)

Validates hypervisor bundle and node uplinks of the node. This API is not supported for XEN hypervisor type.

Path parameters

extId (required)

Path Parameter — Cluster UUID

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [clustermgmt.v4.r0.b1.config.ValidateNodeParam](#) (required)

Body Parameter — Request body for node validation. It can be OneOf between hypervisor bundle and node uplinks

Return type

[inline response 202 18](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Task generated for node validation [inline response 202 18](#)

4XX

Client error response [inline response 4XX 30](#)

5XX

Server error response [inline response 4XX 30](#)

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 261. [prism.v4.r0.a2.config.TaskReference](#)

clustermgmt.v4.r0.b1.config.AcropolisConnectionState

[Up](#)

Status of Acropolis connection to hypervisor

clustermgmt.v4.r0.b1.config.AddNodeTaskResponse

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/\$actions/expand-cluster Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a2.config.TaskReference](#)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.AddRsyslogServerTaskApiResponse

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/rsyslog-servers Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a2.config.TaskReference](#)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.AddSnmpTransportsTaskApiResponse

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/snmp/\$actions/add-transports Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a2.config.TaskReference](#)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.AddSnmpTrapTaskApiResponse

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/snmp/traps Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a2.config.TaskReference](#)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.AddSnmpUserTaskApiResponse

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/snmp/users Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a2.config.TaskReference](#)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.AddressType

[Up](#)

Indicates whether the address type is IPV4/IPV6

clustermgmt.v4.r0.b1.config.AttributeItem

[Up](#)

Attribute item information

attribute (optional)
[String](#) Tolerance message attribute key
 value (optional)
[String](#) Tolerance message attribute value

clustermgmt.v4.r0.b1.config.BackplaneNetworkParams

[Up](#)

Params associated to the backplane network segmentation. This is part of payload for cluster create operation only.

isSegmentationEnabled (optional)
[Boolean](#) Flag to indicate if the backplane segmentation needs to be enabled or not
 vlanTag (optional)
[Long](#) VLAN Id tagged to the backplane network on the cluster. This is part of cluster create payload.
 format: int64
 subnet (optional)
[common.v1.r0.a3.config.Ipv4Address](#)
 netmask (optional)
[common.v1.r0.a3.config.Ipv4Address](#)

clustermgmt.v4.r0.b1.config.BlockItem

[Up](#)

Block item containing block serial and rack name

blockId (optional)
[String](#) Rackable unit serial name
 rackName (optional)
[String](#) Rack name

clustermgmt.v4.r0.b1.config.BuildReference

[Up](#)

Build information details

buildType (optional)
[String](#) Software build type
 version (optional)
[String](#) Software version
 fullVersion (optional)
[String](#) Full name of software version
 commitId (optional)
[String](#) Commit Id used for version
 shortCommitId (optional)
[String](#) Short commit Id used for version

clustermgmt.v4.r0.b1.config.BundleInfo

[Up](#)

Hypervisor bundle information

name (optional)
[String](#) Name of the hypervisor bundle

clustermgmt.v4.r0.b1.config.BundleParam

[Up](#)

ISO attributes to validate compatibility

bundleInfo
[clustermgmt.v4.r0.b1.config.BundleInfo](#)
 nodeList
[array\[clustermgmt.v4.r0.b1.config.NodeInfo\]](#) List of node attributes for validating bundle compatibility

clustermgmt.v4.r0.b1.config.Cluster[Up](#)

name (optional)

[String](#) Cluster name. This is part of payload for both cluster create & update operations.

nodes (optional)

[clustermgmt.v4.r0.b1.config.NodeReference](#)

config (optional)

[clustermgmt.v4.r0.b1.config.ClusterConfigReference](#)

network (optional)

[clustermgmt.v4.r0.b1.config.ClusterNetworkReference](#)

upgradeStatus (optional)

[clustermgmt.v4.r0.b1.config.UpgradeStatus](#)

vmCount (optional)

[Long](#) Number of VMs format: int64

inefficientVmCount (optional)

[Long](#) Number of inefficient VMs format: int64

containerName (optional)

[String](#) The name of the default container created as part of cluster creation. This is part of payload for cluster create operation only

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.**clustermgmt.v4.r0.b1.config.ClusterArchReference**[Up](#)

Cluster arch

clustermgmt.v4.r0.b1.config.ClusterConfigReference[Up](#)

Cluster configuration details

incarnationId (optional)

[Long](#) Cluster incarnation Id. This is part of payload for cluster update operation only. format: int64

buildInfo (optional)

[clustermgmt.v4.r0.b1.config.BuildReference](#)

hypervisorTypes (optional)

[array\[clustermgmt.v4.r0.b1.config.HypervisorType\]](#) Hypervisor type

clusterFunction (optional)

[array\[clustermgmt.v4.r0.b1.config.ClusterFunctionRef\]](#) Cluster function. This is part of payload for cluster create operation only (allowed enum values for creation are AOS, ONE_NODE & TWO_NODE only).

timezone (optional)

[String](#) Time zone on a cluster

authorizedPublicKeyList (optional)

[array\[clustermgmt.v4.r0.b1.config.PublicKey\]](#) Public ssh key details. This is part of payload for cluster update operation only.

redundancyFactor (optional)

[Long](#) Redundancy factor of a cluster. This is part of payload for both cluster create & update operations. format: int64

clusterSoftwareMap (optional)

[array\[clustermgmt.v4.r0.b1.config.SoftwareMapReference\]](#) Cluster software version details

clusterArch (optional)

[clustermgmt.v4.r0.b1.config.ClusterArchReference](#)

faultToleranceState (optional)

[clustermgmt.v4.r0.b1.config.FaultToleranceState](#)

remoteSupport (optional)

[Boolean](#) Remote support status

operationMode (optional)

[clustermgmt.v4.r0.b1.config.OperationMode](#)

isLts (optional)

[Boolean](#) Indicates whether the release is categorized as Long-term or not

passwordRemoteLoginEnabled (optional)

[Boolean](#) Indicates whether the password ssh into the cluster is enabled or not

encryptionInTransitStatus (optional)

[clustermgmt.v4.r0.b1.config.EncryptionStatus](#)

encryptionOption (optional)

[array\[clustermgmt.v4.r0.b1.config.EncryptionOptionInfo\]](#) Encryption option

encryptionScope (optional)

[array\[clustermgmt.v4.r0.b1.config.EncryptionScopeInfo\]](#) Encryption scope

clustermgmt.v4.r0.b1.config.ClusterCreateTaskResponse

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#)

[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.ClusterDestroyTaskResponse

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId} Delete operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#)

[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.ClusterFunctionRef

[Up](#)

Cluster function. This is part of payload for cluster create operation only (allowed enum values for creation are AOS, ONE_NODE & TWO_NODE only).

clustermgmt.v4.r0.b1.config.ClusterNetworkReference

[Up](#)

Network details of a cluster

externalAddress (optional)

[common.v1.r0.a3.config.IPAddress](#)

externalDataServicelp (optional)

[common.v1.r0.a3.config.IPAddress](#)

externalSubnet (optional)

[String](#) Cluster external subnet address

internalSubnet (optional)

[String](#) Cluster internal subnet address

nfsSubnetWhitelist (optional)

[array\[String\]](#) NFS subnet whitelist addresses. This is part of payload for cluster update operation only.

nameServerIpList (optional)

[array\[common.v1.r0.a3.config.IPAddressOrFQDN\]](#) List of name servers on a cluster. This is part of payload for both cluster create & update operations. For create operation, only ipv4 address / fqdn values are supported currently.

ntpServerIpList (optional)

[array\[common.v1.r0.a3.config.IPAddressOrFQDN\]](#) List of NTP servers on a cluster. This is part of payload for both cluster create & update operations. For create operation, only ipv4 address / fqdn values are supported currently.

smtpServer (optional)

[clustermgmt.v4.r0.b1.config.SmtServerRef](#)

masqueradingIp (optional)

[common.v1.r0.a3.config.IPAddress](#)

masqueradingPort (optional)

[Integer](#) The port to connect to the cluster when using masquerading IP format: int32

managementServer (optional)

[clustermgmt.v4.r0.b1.config.ManagementServerRef](#)

fqdn (optional)

[String](#) Cluster fully qualified domain name. This is part of payload for cluster update operation only.

keyManagementServerType (optional)

[clustermgmt.v4.r0.b1.config.KeyManagementServerType](#)

backplane (optional)

[clustermgmt.v4.r0.b1.config.BackplaneNetworkParams](#)

clustermgmt.v4.r0.b1.config.ClusterReference

[Up](#)

Cluster reference for an entity

uuid (optional)

[String](#) Cluster UUID

name (optional)

[String](#) Cluster name. This is part of payload for both cluster create & update operations.

clustermgmt.v4.r0.b1.config.ComponentFaultTolerance[Up](#)

Fault tolerance information of a component

type (optional)
[clustermgmt.v4.r0.b1.config.ComponentType](#)
 maxFaultsTolerated (optional)
[Integer](#) Maximum fault tolerance format: int32
 lastUpdatesSecs (optional)
[Date](#) Time of last update format: date-time
 underComputation (optional)
[Boolean](#) Indicates whether the tolerance computation is in progress or not
 detailMessage (optional)
[clustermgmt.v4.r0.b1.config.ToleranceMessage](#)

clustermgmt.v4.r0.b1.config.ComponentType[Up](#)

Type of component

clustermgmt.v4.r0.b1.config.ComputeNodeItem[Up](#)

Compute node details

nodeUuid (optional)
[String](#) UUID of the host
 blockId (optional)
[String](#) Rackable unit Id in which node resides
 nodePosition (optional)
[String](#) Position of a node in a rackable unit
 hypervisorIp (optional)
[common.v1.r0.a3.config.IPAddress](#)
 ipmiIp (optional)
[common.v1.r0.a3.config.IPAddress](#)
 digitalCertificateMapList (optional)
[array\[clustermgmt.v4.r0.b1.config.DigitalCertificateMapReference\]](#) List of objects containing digital_certificate_base64 and key_management_server_uuid fields for key management server
 hypervisorHostname (optional)
[String](#) Name of the host
 model (optional)
[String](#) Rackable unit model type

clustermgmt.v4.r0.b1.config.ConfigParams[Up](#)

Config parameters

skipDiscovery (optional)
[Boolean](#) Indicates if node discovery need to be skipped or not
 skipImaging (optional)
[Boolean](#) Indicates if node imaging needs to be skipped or not
 validateRackAwareness (optional)
[Boolean](#) Indicates if rack awareness needs to be validated or not
 isNosCompatible (optional)
[Boolean](#) Indicates if node is compatible or not
 isComputeOnly (optional)
[Boolean](#) Indicates whether the node is compute only or not
 neverScheduleable (optional)
[Boolean](#) Indicates whether the node is marked to be never schedulable or not.
 targetHypervisor (optional)
[String](#) Target hypervisor
 hyperv (optional)
[clustermgmt.v4.r0.b1.config.HypervCredentials](#)

clustermgmt.v4.r0.b1.config.ControllerVmReference[Up](#)

Host entity with its attributes

id (optional)
[Long](#) Controller VM Id format: int64
 externalAddress (optional)
[common.v1.r0.a3.config.IPAddress](#)
 backplaneAddress (optional)
[common.v1.r0.a3.config.IPAddress](#)

rdmaBackplaneAddress (optional)
[array\[common.v1.r0.a3.config.IPAddress\]](#) RDMA backplane address

ipmi (optional)
[clustermgmt.v4.r0.b1.config.IpmiReference](#)

natIp (optional)
[common.v1.r0.a3.config.IPAddress](#)

natPort (optional)
[Integer](#) NAT port

maintenanceMode (optional)
[Boolean](#) Maintenance mode status

rackableUnitUuid (optional)
[String](#) Rackable unit UUID

clustermgmt.v4.r0.b1.config.DeleteRsyslogServerTaskApiResponse

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/rsyslog-servers/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [prism.v4.r0.a2.config.TaskReference](#)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.DeleteSnmpTrapTaskApiResponse

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/snmp/traps/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [prism.v4.r0.a2.config.TaskReference](#)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.DeleteSnmpUserTaskApiResponse

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/snmp/users/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [prism.v4.r0.a2.config.TaskReference](#)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.DigitalCertificateMapReference

[Up](#)

Object containing digital_certificate_base64 and key_management_server_uuid fields for key management server

key (optional)
[String](#) Field containing digital_certificate_base64 and key_management_server_uuid for key management server

value (optional)
[String](#) Value for the fields digital_certificate_base64 and key_management_server_uuid for key management server

clustermgmt.v4.r0.b1.config.DiscoverNodeTaskApiResponse

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/\$actions/discover-unconfigured-nodes Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [prism.v4.r0.a2.config.TaskReference](#)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.DiskReference

[Up](#)

Disk details attached to a host

uuid (optional)
[String](#) Disk UUID

mountPath (optional)
[String](#) Disk mount path

sizeInBytes (optional)
[Long](#) Disk size format: int64

serialId (optional)

[String](#) Disk serial Id

storageTier (optional)

[clustermgmt.v4.r0.b1.config.StorageTierReference](#)

clustermgmt.v4.r0.b1.config.DomainAwarenessLevel

[Up](#)

Domain awareness level corresponds to unit of cluster group. This is part of payload for both cluster create & update operations.

clustermgmt.v4.r0.b1.config.DomainFaultTolerance

[Up](#)

Domain fault tolerance configuration

type (optional)

[clustermgmt.v4.r0.b1.config.DomainType](#)

componentStatus (optional)

[array\[clustermgmt.v4.r0.b1.config.ComponentFaultTolerance\]](#) List of components in a domain

clustermgmt.v4.r0.b1.config.DomainType

[Up](#)

Type of domain

clustermgmt.v4.r0.b1.config.EncryptionOptionInfo

[Up](#)

Encryption option

clustermgmt.v4.r0.b1.config.EncryptionScopeInfo

[Up](#)

Encryption scope

clustermgmt.v4.r0.b1.config.EncryptionStatus

[Up](#)

Encryption in transit Status

clustermgmt.v4.r0.b1.config.ExpandClusterParams

[Up](#)

Property of the node to be added

nodeParams

[clustermgmt.v4.r0.b1.config.NodeParam](#)

configParams (optional)

[clustermgmt.v4.r0.b1.config.ConfigParams](#)

skipAddNode (optional)

[Boolean](#) Indicates if node addition can be skipped

skipPreExpandChecks (optional)

[Boolean](#) Indicates if pre-expand checks can be skipped for node addition

clustermgmt.v4.r0.b1.config.FaultToleranceState

[Up](#)

Fault tolerant state of cluster

currentMaxFaultTolerance (optional)

[Integer](#) Maximum fault tolerance that is supported currently format: int32

desiredMaxFaultTolerance (optional)

[Integer](#) Maximum fault tolerance desired. format: int32

domainAwarenessLevel (optional)

[clustermgmt.v4.r0.b1.config.DomainAwarenessLevel](#)

clustermgmt.v4.r0.b1.config.GetAllHostGpusResponse

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/host-gpus Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.GetAllHostsResponse

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/hosts Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.GetClusterHostGpusResponse

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/host-gpus Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.GetClusterResponse

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [clustermgmt.v4.r0.b1.config.Cluster](#)

[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.GetClustersResponse

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.GetDomainFaultToleranceResponse

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/fault-tolerance-status Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.GetGpuProfilesResponse

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/host-gpu-profiles Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.GetHostGpuResponse

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/hosts/{hostExtId}/host-gpus/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [clustermgmt.v4.r0.b1.config.HostGpu](#)

[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.GetHostGpusResponse

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/hosts/{extId}/host-gpus Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.GetHostNicResponse

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/hosts/{hostExtId}/host-nics/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [clustermgmt.v4.r0.b1.config.HostNic](#)

[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.GetHostNicsResponse[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/hosts/{extId}/host-nics Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
oneOf: [clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.GetHostResponse[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/hosts/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
oneOf: [clustermgmt.v4.r0.b1.config.Host](#)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.GetHostsResponse[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/hosts Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
oneOf: [clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.GetNodeNetworkingTaskApiResponse[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/\$actions/fetch-node-networking-details Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
oneOf: [prism.v4.r0.a2.config.TaskReference](#)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.GetRackableUnitResponse[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/rackable-units/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
oneOf: [clustermgmt.v4.r0.b1.config.RackableUnit](#)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.GetRackableUnitsResponse[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/rackable-units Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
oneOf: [clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.GetRsyslogServerResponse[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/rsyslog-servers/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
oneOf: [clustermgmt.v4.r0.b1.config.RsyslogServer](#)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.GetRsyslogServersResponse[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/rsyslog-servers Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
oneOf: [clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.GetSearchResponse[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/tasks/{extId}/\$actions/fetch-task-response Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [clustermgmt.v4.r0.b1.config.SearchResponse](#)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.GetSnmpResponse

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/snmp Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [clustermgmt.v4.r0.b1.config.SnmpConfig](#)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.GetSnmpTrapResponse

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/snmp/traps/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [clustermgmt.v4.r0.b1.config.SnmpTrap](#)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.GetSnmpUserResponse

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/snmp/users/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [clustermgmt.v4.r0.b1.config.SnmpUser](#)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.GetVirtualNicResponse

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/hosts/{hostExtId}/virtual-nics/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [clustermgmt.v4.r0.b1.config.VirtualNic](#)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.GetVirtualNicsResponse

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/hosts/{extId}/virtual-nics Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.GpuConfig

[Up](#)

GPU configuration details

type (optional)
[clustermgmt.v4.r0.b1.config.GpuType](#)
 deviceId (optional)
[String](#) Device Id
 deviceName (optional)
[String](#) Device name
 vendorName (optional)
[String](#) Vendor name
 inUse (optional)
[Boolean](#) GPU in use
 sbdf (optional)
[String](#) SBDF address
 numaNode (optional)
[String](#) NUMA node

assignable (optional)
[Long](#) GPU assignable format: int64

fraction (optional)
[Long](#) GPU fraction format: int64

guestDriverVersion (optional)
[String](#) Guest driver version

licenseList (optional)
[array\[String\]](#) GPU license list

mode (optional)
[clustermgmt.v4.r0.b1.config.GpuMode](#)

numberOfVirtualDisplayHeads (optional)
[Long](#) Number of virtual display heads format: int64

frameBufferSizeBytes (optional)
[Long](#) Frame buffer size in bytes format: int64

maxResolution (optional)
[String](#) Maximum resolution per display heads

clustermgmt.v4.r0.b1.config.GpuMode

[Up](#)

GPU mode

clustermgmt.v4.r0.b1.config.GpuProfile

[Up](#)

GPU Profile

deviceId (optional)
[String](#) Device Id

gpuConfig (optional)
[clustermgmt.v4.r0.b1.config.GpuConfig](#)

allocatedVmUuids (optional)
[array\[String\]](#) List of UUIDs of virtual machines with an allocated GPU belonging to this profile

clustermgmt.v4.r0.b1.config.GpuType

[Up](#)

GPU type

clustermgmt.v4.r0.b1.config.Host

[Up](#)

Host entity with its attributes

hostName (optional)
[String](#) Name of the host

hostType (optional)
[clustermgmt.v4.r0.b1.config.HostTypeEnum](#)

hypervisor (optional)
[clustermgmt.v4.r0.b1.config.HypervisorReference](#)

cluster (optional)
[clustermgmt.v4.r0.b1.config.ClusterReference](#)

controllerVm (optional)
[clustermgmt.v4.r0.b1.config.ControllerVmReference](#)

disk (optional)
[array\[clustermgmt.v4.r0.b1.config.DiskReference\]](#) Disks attached to host

isDegraded (optional)
[Boolean](#) Node degraded status

isSecureBooted (optional)
[Boolean](#) Secure boot status

isHardwareVirtualized (optional)
[Boolean](#) Indicates whether the hardware is virtualized or not

hasCsr (optional)
[Boolean](#) Certificate signing request status

keyManagementDeviceToCertStatus (optional)
[array\[clustermgmt.v4.r0.b1.config.KeyManagementDeviceToCertStatusInfo\]](#) Mapping of key management device to certificate status list

numberOfCpuCores (optional)
[Long](#) Number of CPU cores format: int64

numberOfCpuThreads (optional)
[Long](#) Number of CPU threads format: int64

numberOfCpuSockets (optional)
[Long](#) Number of CPU sockets format: int64

[cpuCapacityHz](#) (optional)
[Long](#) CPU capacity in Hz format: int64

[cpuFrequencyHz](#) (optional)
[Long](#) CPU frequency in Hz format: int64

[cpuModel](#) (optional)
[String](#) CPU model name

[gpuDriverVersion](#) (optional)
[String](#) GPU driver version

[gpuList](#) (optional)
[array\[String\]](#) GPU attached list

[defaultVhdLocation](#) (optional)
[String](#) Default VHD location

[defaultVhdContainerUuid](#) (optional)
[String](#) Default VHD container UUID

[defaultVmLocation](#) (optional)
[String](#) Default VM location

[defaultVmContainerUuid](#) (optional)
[String](#) Default VM container UUID

[rebootPending](#) (optional)
[Boolean](#) Reboot pending status

[failoverClusterFqdn](#) (optional)
[String](#) Failover cluster FQDN

[failoverClusterNodeStatus](#) (optional)
[String](#) Failover cluster node status

[bootTimeUsecs](#) (optional)
[Long](#) Boot time in secs format: int64

[memorySizeBytes](#) (optional)
[Long](#) Memory size in bytes format: int64

[blockSerial](#) (optional)
[String](#) Rackable unit serial name

[blockModel](#) (optional)
[String](#) Rackable unit model name

[maintenanceState](#) (optional)
[String](#) Host Maintenance State

[nodeStatus](#) (optional)
[clustermgmt.v4.r0.b1.config.NodeStatus](#)

[extId](#) (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.

[links](#) (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

clustermgmt.v4.r0.b1.config.HostGpu

[Up](#)

Host GPU details

[nodeUuid](#) (optional)
[String](#) UUID of the host

[nodeId](#) (optional)
[String](#) Controller VM Id

[cluster](#) (optional)
[clustermgmt.v4.r0.b1.config.ClusterReference](#)

[numberOfVgpusAllocated](#) (optional)
[Long](#) Number of vGPUs allocated format: int64

[config](#) (optional)
[clustermgmt.v4.r0.b1.config.GpuConfig](#)

[extId](#) (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.

[links](#) (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

clustermgmt.v4.r0.b1.config.HostNameParam

[Up](#)

Host rename parameters

[name](#)
[String](#) Name of the host

clustermgmt.v4.r0.b1.config.HostNic[Up](#)

Host NIC details

name (optional)

[String](#) Name of the host NIC

hostDescription (optional)

[String](#) Host description

macAddress (optional)

[String](#) Host Mac address

ipv4Addresses (optional)

[array\[common.v1.r0.a3.config.IPAddress\]](#) List of IPv4 addresses associated with the NIC entity for the network connection

ipv6Addresses (optional)

[array\[common.v1.r0.a3.config.IPAddress\]](#) List of IPv6 addresses associated with the NIC entity for the network connection

interfaceStatus (optional)

[String](#) Operational status of the interface to the port associated with the NIC entity.

dhcpEnabled (optional)

[Boolean](#) Status of DHCP protocol

linkSpeedInKbps (optional)

[Long](#) Link speed in Kbps format: int64

mtuInBytes (optional)

[Long](#) Maximum transmission unit in bytes format: int64

nodeUuid (optional)

[String](#) UUID of the host

discoveryProtocol (optional)

[String](#) Network discovery protocol (either LLDP or None)

switchDeviceId (optional)

[String](#) Switch device Id learned through the discovery protocol

switchPortId (optional)

[String](#) Switch port Id learned through the discovery protocol

switchVendorInfo (optional)

[String](#) Switch vendor information learned through the discovery protocol

switchVlanId (optional)

[String](#) Switch VLAN Id learned through the discovery protocol

switchManagementIp (optional)

[common.v1.r0.a3.config.IPAddress](#)

switchMacAddress (optional)

[String](#) Switch Mac address

attachedSwitchInterfaceList (optional)

[array\[clustermgmt.v4.r0.b1.config.NetworkSwitchInterface\]](#) List of network switch interfaces attached to the host NIC

rxRingSizeInBytes (optional)

[Long](#) Size of configured buffer (in bytes) to the port associated with NIC, storing the network packets received through the port format: int64

txRingSizeInBytes (optional)

[Long](#) Size of configured buffer (in bytes) to the port associated with NIC, storing the network packets that would be transmitted through the port format: int64

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.**clustermgmt.v4.r0.b1.config.HostRenameResponse**[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/hosts/{extId}/\$actions/rename-host Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[oneOf: prism.v4.r0.a2.config.TaskReference](#)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)**clustermgmt.v4.r0.b1.config.HostTypeEnum**[Up](#)

Type of the host

clustermgmt.v4.r0.b1.config.HypervCredentials[Up](#)

HyperV Credentials

domainDetails (optional)
[clustermgmt.v4.r0.b1.config.UserInfo](#)
 failoverClusterDetails (optional)
[clustermgmt.v4.r0.b1.config.UserInfo](#)

clustermgmt.v4.r0.b1.config.HypervisorIsoMap[Up](#)

Map containing key as hypervisor type and value as md5sum of ISO

type (optional)
[clustermgmt.v4.r0.b1.config.HypervisorType](#)
 md5Sum (optional)
[String](#) Md5sum of ISO

clustermgmt.v4.r0.b1.config.HypervisorReference[Up](#)

Hypervisor details

externalAddress (optional)
[common.v1.r0.a3.config.IPAddress](#)
 userName (optional)
[String](#) Hypervisor user name
 fullName (optional)
[String](#) Hypervisor full name
 type (optional)
[clustermgmt.v4.r0.b1.config.HypervisorType](#)
 numberOfVms (optional)
[Long](#) Number of VMs format: int64
 state (optional)
[clustermgmt.v4.r0.b1.config.HypervisorState](#)
 acropolisConnectionState (optional)
[clustermgmt.v4.r0.b1.config.AcropolisConnectionState](#)

clustermgmt.v4.r0.b1.config.HypervisorState[Up](#)

Hypervisor state

clustermgmt.v4.r0.b1.config.HypervisorType[Up](#)

Hypervisor type

clustermgmt.v4.r0.b1.config.HypervisorUploadInfo[Up](#)

Hypervisor upload required information

errorMessage (optional)
[String](#) Error message
 uploadInfoNodeList (optional)
[array\[clustermgmt.v4.r0.b1.config.UploadInfoNodeItem\]](#) Node list containing upload information

clustermgmt.v4.r0.b1.config.HypervisorUploadNodeListItem[Up](#)

Individual node item details for checking whether hypervisor ISO upload is required or not

nodeUuid (optional)
[String](#) UUID of the host
 hypervisorVersion (optional)
[String](#) Host version of the node
 nosVersion (optional)
[String](#) NOS software version of a node
 model (optional)
[String](#) Rackable unit model type
 blockId (optional)
[String](#) Rackable unit Id in which node resides
 isLightCompute (optional)
[Boolean](#) Indicates whether the node is light compute or not
 hypervisorType (optional)
[clustermgmt.v4.r0.b1.config.HypervisorType](#)
 roboMixedHypervisor (optional)
[Boolean](#) Indicates whether the hypervisor is robo mixed or not
 minimumComputeNode (optional)

[Boolean](#) Indicates if node is minimum compute or not

clustermgmt.v4.r0.b1.config.HypervisorUploadParam

[Up](#)

Parameters to get information on whether hypervisor ISO upload is required or not

nodeList

[array\[clustermgmt.v4.r0.b1.config.HypervisorUploadNodeListItem\]](#) List of node details for checking whether hypervisor ISO upload is required or not

clustermgmt.v4.r0.b1.config.HypervisorUploadRequiredTaskResponse

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/\$actions/check-hypervisor-requirements Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.IpmiReference

[Up](#)

IPMI reference

ip (optional)

[common.v1.r0.a3.config.IPAddress](#)

username (optional)

[String](#) IPMI username

clustermgmt.v4.r0.b1.config.KeyManagementDeviceToCertStatusInfo

[Up](#)

Mapping of key management device to certificate status list

keyManagementServerName (optional)

[String](#) Key management server name

status (optional)

[Boolean](#) Certificate status

clustermgmt.v4.r0.b1.config.KeyManagementServerType

[Up](#)

Management server type

clustermgmt.v4.r0.b1.config.ManagementServerRef

[Up](#)

Management server information

ip (optional)

[common.v1.r0.a3.config.IPAddress](#)

type (optional)

[clustermgmt.v4.r0.b1.config.ManagementServerType](#)

drsEnabled (optional)

[Boolean](#) Indicates whether it is DRS enabled or not

isRegistered (optional)

[Boolean](#) Indicates whether it is registered or not

inUse (optional)

[Boolean](#) Indicates whether the host is managed by an entity or not

clustermgmt.v4.r0.b1.config.ManagementServerType

[Up](#)

Management server type

clustermgmt.v4.r0.b1.config.NameMacRef

[Up](#)

Interface name and mac address

name (optional)

[String](#) Interface name

mac (optional)

[String](#) Mac address

clustermgmt.v4.r0.b1.config.NameNetworkRef

[Up](#)

Name and network information

hypervisorType (optional)

[clustermgmt.v4.r0.b1.config.HypervisorType](#)

name (optional)
[String](#) Interface name

networks (optional)
[array\[String\]](#) List of networks for interface

clustermgmt.v4.r0.b1.config.NetworkInfo

[Up](#)

Network information of HCI and SO nodes

hci (optional)
[array\[clustermgmt.v4.r0.b1.config.NameNetworkRef\]](#) Network information of HCI nodes

so (optional)
[array\[clustermgmt.v4.r0.b1.config.NameNetworkRef\]](#) Network information of SO nodes

clustermgmt.v4.r0.b1.config.NetworkSwitchInterface

[Up](#)

Network switch interface details

port (optional)
[Long](#) Network switch interface port number format: int64

switchInterfaceName (optional)
[String](#) Network switch interface name

switchInterfaceDescription (optional)
[String](#) Network switch interface description

switchInterfaceType (optional)
[String](#) Network switch interface type

index (optional)
[Long](#) Network switch interface index format: int64

speedInKbps (optional)
[Long](#) Network switch interface link speed in Kbps format: int64

mtuInBytes (optional)
[Long](#) Maximum transmission unit in bytes format: int64

macAddress (optional)
[String](#) Host Mac address

lastChangeTime (optional)
[Date](#) Timestamp when the interface state was last changed or modified format: date-time

switchManagementAddress (optional)
[common.v1.r0.a3.config.IPAddress](#)

attachedHostUuid (optional)
[String](#) UUID of the host connected to the interface

attachedHostNicUuids (optional)
[array\[String\]](#) List of host NIC UUIDs connected to this interface

switchUuid (optional)
[String](#) UUID of the switch

extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

clustermgmt.v4.r0.b1.config.NodeDetails

[Up](#)

Request type and networking details for nodes

nodeList
[array\[clustermgmt.v4.r0.b1.config.NodeListNetworkingDetails\]](#) Node specific details required to fetch node networking information

requestType (optional)
[String](#) Type of request, either it can be expand_cluster or npe

clustermgmt.v4.r0.b1.config.NodeDiscoveryParams

[Up](#)

Discover unconfigured node details

addressType (optional)
[clustermgmt.v4.r0.b1.config.AddressType](#)

ipFilterList (optional)
[array\[common.v1.r0.a3.config.IPAddress\]](#) IP addresses of the unconfigured nodes

uuidFilterList (optional)
[array\[String\]](#) Unconfigured node UUIDs

timeout (optional)
[Long](#) Timeout for discovering nodes in seconds format: int64

interfaceFilterList (optional)
[array\[String\]](#) Interface name that is used for packet broadcasting

isManualDiscovery (optional)
[Boolean](#) Indicates if the discovery is manual or not

clustermgmt.v4.r0.b1.config.NodeInfo

[Up](#)

Node item containing attributes of node

nodeUuid (optional)
[String](#) UUID of the host

blockId (optional)
[String](#) Rackable unit serial name

nodePosition (optional)
[String](#) Position of a node in a rackable unit

hypervisorType (optional)
[clustermgmt.v4.r0.b1.config.HypervisorType](#)

roboMixedHypervisor (optional)
[Boolean](#) Indicates whether the hypervisor is robo mixed or not

hypervisorHostname (optional)
[String](#) Name of the host

hypervisorVersion (optional)
[String](#) Host version of the node

nosVersion (optional)
[String](#) NOS software version of a node

isLightCompute (optional)
[Boolean](#) Indicates whether the node is light compute or not

ipmilp (optional)
[common.v1.r0.a3.config.IPAddress](#)

digitalCertificateMapList (optional)
[array\[clustermgmt.v4.r0.b1.config.DigitalCertificateMapReference\]](#) List of objects containing digital_certificate_base64 and key_management_server_uuid fields for key management server

cvmlp (optional)
[common.v1.r0.a3.config.IPAddress](#)

hypervisorIp (optional)
[common.v1.r0.a3.config.IPAddress](#)

model (optional)
[String](#) Rackable unit model name

currentNetworkInterface (optional)
[String](#) Current network interface of a node

clustermgmt.v4.r0.b1.config.NodeItem

[Up](#)

Node item containing attributes of node

nodeUuid (optional)
[String](#) UUID of the host

blockId (optional)
[String](#) Rackable unit serial name

nodePosition (optional)
[String](#) Position of a node in a rackable unit

hypervisorType (optional)
[clustermgmt.v4.r0.b1.config.HypervisorType](#)

roboMixedHypervisor (optional)
[Boolean](#) Indicates whether the hypervisor is robo mixed or not

hypervisorHostname (optional)
[String](#) Name of the host

hypervisorVersion (optional)
[String](#) Host version of the node

nosVersion (optional)
[String](#) NOS software version of a node

isLightCompute (optional)
[Boolean](#) Indicates whether the node is light compute or not

ipmilp (optional)
[common.v1.r0.a3.config.IPAddress](#)

digitalCertificateMapList (optional)
[array\[clustermgmt.v4.r0.b1.config.DigitalCertificateMapReference\]](#) List of objects containing digital_certificate_base64 and key_management_server_uuid fields for key management server

cvmlp (optional)

[common.v1.r0.a3.config.IPAddress](#)

hypervisorIp (optional)

[common.v1.r0.a3.config.IPAddress](#)

model (optional)

[String](#) Rackable unit model name

currentNetworkInterface (optional)

[String](#) Current network interface of a node

networks (optional)

[array\[clustermgmt.v4.r0.b1.config.UplinkNetworkItem\]](#) Active and standby uplink information of the target nodes

clustermgmt.v4.r0.b1.config.NodeListItemReference

[Up](#)

List of nodes in a cluster

controllerVmlp (optional)

[common.v1.r0.a3.config.IPAddress](#)

nodeUuid (optional)

[String](#) UUID of the host

hostIp (optional)

[common.v1.r0.a3.config.IPAddress](#)

clustermgmt.v4.r0.b1.config.NodeListNetworkingDetails

[Up](#)

Node specific details required to fetch node networking information

nodeUuid (optional)

[String](#) UUID of the host

blockId (optional)

[String](#) Rackable unit Id in which node resides

nodePosition (optional)

[String](#) Position of a node in a rackable unit

cvmlp (optional)

[common.v1.r0.a3.config.IPAddress](#)

hypervisorIp (optional)

[common.v1.r0.a3.config.IPAddress](#)

ipmlp (optional)

[common.v1.r0.a3.config.IPAddress](#)

digitalCertificateMapList (optional)

[array\[clustermgmt.v4.r0.b1.config.DigitalCertificateMapReference\]](#) List of objects containing digital_certificate_base64 and key_management_server_uuid fields for key management server

model (optional)

[String](#) Rackable unit model name

isComputeOnly (optional)

[Boolean](#) Indicates whether the node is compute only or not

isLightCompute (optional)

[Boolean](#) Indicates whether the node is light compute or not

hypervisorType (optional)

[clustermgmt.v4.r0.b1.config.HypervisorType](#)

hypervisorVersion (optional)

[String](#) Host version of the node

nosVersion (optional)

[String](#) NOS software version of a node

currentNetworkInterface (optional)

[String](#) Current network interface of a node

roboMixedHypervisor (optional)

[Boolean](#) Indicates whether the hypervisor is robo mixed or not

clustermgmt.v4.r0.b1.config.NodeNetworkingDetails

[Up](#)

Network details of nodes

networkInfo (optional)

[clustermgmt.v4.r0.b1.config.NetworkInfo](#)

uplinks (optional)

[array\[clustermgmt.v4.r0.b1.config.UplinkInfo\]](#) List of uplinks information for each CVM IP

warnings (optional)

[array\[String\]](#) List of warning messages

clustermgmt.v4.r0.b1.config.NodeParam

[Up](#)

Parameters of the node to be added

blockList (optional)
[array\[clustermgmt.v4.r0.b1.config.BlockItem\]](#) Block list of a cluster

nodeList (optional)
[array\[clustermgmt.v4.r0.b1.config.NodeItem\]](#) List of nodes in a cluster

computeNodeList (optional)
[array\[clustermgmt.v4.r0.b1.config.ComputeNodeItem\]](#) List of compute only nodes

hypervisorIsos (optional)
[array\[clustermgmt.v4.r0.b1.config.HypervisorIsoMap\]](#) Hypervisor type to md5sum map

hypervSku (optional)
[String](#) Hyperv SKU

bundleInfo (optional)
[clustermgmt.v4.r0.b1.config.BundleInfo](#)

skipHostNetworking (optional)
[Boolean](#) Indicates if the host networking needs to be skipped or not

clustermgmt.v4.r0.b1.config.NodeReference

[Up](#)

Node reference for a cluster

numberOfNodes (optional)
[Integer](#) Number of nodes in a cluster format: int32

nodeList (optional)
[array\[clustermgmt.v4.r0.b1.config.NodeListItemReference\]](#) List of nodes in a cluster

clustermgmt.v4.r0.b1.config.NodeRemovalExtraParam

[Up](#)

Extra parameters for node addition

skipUpgradeCheck (optional)
[Boolean](#) Indicates if upgrade check needs to be skip or not

skipSpaceCheck (optional)
[Boolean](#) Indicates if space check needs to be skip or not

skipAddCheck (optional)
[Boolean](#) Indicates if add node check need to be skip or not

clustermgmt.v4.r0.b1.config.NodeRemovalParams

[Up](#)

Parameters to remove nodes from cluster

skipPrechecks (optional)
[Boolean](#) Indicates if prechecks can be skipped for node removal

skipRemove (optional)
[Boolean](#) Indicates if node removal can be skipped

nodeUuids
[array\[String\]](#) List of node UUIDs to remove

extraParams (optional)
[clustermgmt.v4.r0.b1.config.NodeRemovalExtraParam](#)

clustermgmt.v4.r0.b1.config.NodeStatus

[Up](#)

Node status

clustermgmt.v4.r0.b1.config.OperationMode

[Up](#)

Cluster operation mode. This is part of payload for cluster update operation only.

clustermgmt.v4.r0.b1.config.PublicKey

[Up](#)

Public ssh key details. This is part of payload for cluster update operation only.

name
[String](#) Ssh key name

key
[String](#) Ssh key value

clustermgmt.v4.r0.b1.config.RackReference

[Up](#)

Rack reference for the block

uuid (optional)
[String](#) Rack UUID

id (optional)

[Long](#) Rack Id format: int64

clustermgmt.v4.r0.b1.config.RackableUnit

[Up](#)

Rackable Unit configuration

id (optional)

[Long](#) Rackable unit Id format: int64

serial (optional)

[String](#) Rackable unit serial name

model (optional)

[clustermgmt.v4.r0.b1.config.RackableUnitModel](#)

modelName (optional)

[String](#) Rackable unit model name

nodes (optional)

[array\[clustermgmt.v4.r0.b1.config.RackableUnitNode\]](#) List of node information registered to the block

rack (optional)

[clustermgmt.v4.r0.b1.config.RackReference](#)

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

clustermgmt.v4.r0.b1.config.RackableUnitModel

[Up](#)

Rackable unit model type

clustermgmt.v4.r0.b1.config.RackableUnitNode

[Up](#)

Node information registered to this rackable unit

uuid (optional)

[String](#) UUID of the host

svmlId (optional)

[Long](#) Controller VM Id format: int64

position (optional)

[Integer](#) Position of a node in a rackable unit format: int32

clustermgmt.v4.r0.b1.config.RemoveNodeTaskResponse

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/\$actions/remove-node Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#)

[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.RemoveSnmpTransportsTaskApiResponse

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/snmp/\$actions/remove-transports Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#)

[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.RsyslogModuleItem

[Up](#)

RSYSLOG Module information

name

[clustermgmt.v4.r0.b1.config.RsyslogModuleName](#)

logSeverityLevel

[clustermgmt.v4.r0.b1.config.RsyslogModuleLogSeverityLevel](#)

monitor

[Boolean](#) Option to log, monitor/output files of a module

clustermgmt.v4.r0.b1.config.RsyslogModuleLogSeverityLevel

[Up](#)

RSYSLOG module log severity level

clustermgmt.v4.r0.b1.config.RsyslogModuleName[Up](#)

RSYSLOG module name

clustermgmt.v4.r0.b1.config.RsyslogNetworkProtocol[Up](#)

RSYSLOG server protocol type

clustermgmt.v4.r0.b1.config.RsyslogServer[Up](#)

serverName

[String](#) RSYSLOG server name

ipAddress

[common.v1.r0.a3.config.IPAddress](#)

port

[Integer](#) RSYSLOG server port format: int32

networkProtocol

[clustermgmt.v4.r0.b1.config.RsyslogNetworkProtocol](#)

modules (optional)

[array\[clustermgmt.v4.r0.b1.config.RsyslogModuleItem\]](#) List of modules registered to RSYSLOG server

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.**clustermgmt.v4.r0.b1.config.SearchParams**[Up](#)

Search parameters

searchType

[clustermgmt.v4.r0.b1.config.SearchType](#)**clustermgmt.v4.r0.b1.config.SearchResponse**[Up](#)

Task Response which is one of node-discovery, networking-details, hypervisor-upload information

searchType (optional)

[clustermgmt.v4.r0.b1.config.SearchType](#)

response (optional)

oneOf: [clustermgmt.v4.r0.b1.config.UnconfigureNodeDetails](#)[clustermgmt.v4.r0.b1.config.NodeNetworkingDetails](#)[clustermgmt.v4.r0.b1.config.HypervisorUploadInfo](#)[clustermgmt.v4.r0.b1.config.ValidateBundleInfo](#)**clustermgmt.v4.r0.b1.config.SearchType**[Up](#)

Task Response search type

clustermgmt.v4.r0.b1.config.SmtptNetwork[Up](#)

SMTP network details

ipAddress

[common.v1.r0.a3.config.IPAddress](#)

port (optional)

[Integer](#) SMTP port format: int32

username (optional)

[String](#) SMTP server user name

password (optional)

[String](#) SMTP server password**clustermgmt.v4.r0.b1.config.SmtptServerRef**[Up](#)

SMTP servers on a cluster. This is part of payload for cluster update operation only.

emailAddress

[String](#) SMTP email address

server

[clustermgmt.v4.r0.b1.config.SmtptNetwork](#)

type (optional)

[clustermgmt.v4.r0.b1.config.SmtptType](#)

clustermgmt.v4.r0.b1.config.Smtptype[Up](#)

Type of SMTP server

clustermgmt.v4.r0.b1.config.SnmpAuthType[Up](#)

SNMP user authentication type

clustermgmt.v4.r0.b1.config.SnmpConfig[Up](#)

SNMP information

status (optional)

[Boolean](#) SNMP status

users (optional)

[array\[clustermgmt.v4.r0.b1.config.SnmpUser\]](#) SNMP user information

transports (optional)

[array\[clustermgmt.v4.r0.b1.config.SnmpTransport\]](#) SNMP transport details

traps (optional)

[array\[clustermgmt.v4.r0.b1.config.SnmpTrap\]](#) SNMP trap details**clustermgmt.v4.r0.b1.config.SnmpPrivType**[Up](#)

SNMP user encryption type

clustermgmt.v4.r0.b1.config.SnmpProtocol[Up](#)

SNMP protocol type

clustermgmt.v4.r0.b1.config.SnmpStatusParam[Up](#)

SNMP status

status

[Boolean](#) SNMP user information**clustermgmt.v4.r0.b1.config.SnmpTransport**[Up](#)

SNMP transport details

protocol

[clustermgmt.v4.r0.b1.config.SnmpProtocol](#)

port

[Integer](#) SNMP port format: int32**clustermgmt.v4.r0.b1.config.SnmpTrap**[Up](#)

address

[common.v1.r0.a3.config.IPAddress](#)

username (optional)

[String](#) SNMP user name

protocol (optional)

[clustermgmt.v4.r0.b1.config.SnmpProtocol](#)

port (optional)

[Integer](#) SNMP port format: int32

inform (optional)

[Boolean](#) SNMP information status

engineId (optional)

[String](#) SNMP engine Id

version

[clustermgmt.v4.r0.b1.config.SnmpTrapVersion](#)

receiverName (optional)

[String](#) SNMP receiver name

communityString (optional)

[String](#) Community string(plaintext) for SNMP version 2.0

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

clustermgmt.v4.r0.b1.config.SnmpTrapVersion[Up](#)

SNMP version

clustermgmt.v4.r0.b1.config.SnmpUser[Up](#)

SNMP user information

username

[String](#) SNMP user name

authType

[clustermgmt.v4.r0.b1.config.SnmpAuthType](#)

authKey

[String](#) SNMP user authentication key

privType (optional)

[clustermgmt.v4.r0.b1.config.SnmpPrivType](#)

privKey (optional)

[String](#) SNMP user encryption key

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.**clustermgmt.v4.r0.b1.config.SoftwareMapReference**[Up](#)

Cluster software version details

softwareType (optional)

[clustermgmt.v4.r0.b1.config.SoftwareTypeRef](#)

version (optional)

[String](#) Software version**clustermgmt.v4.r0.b1.config.SoftwareTypeRef**[Up](#)

Software type

clustermgmt.v4.r0.b1.config.StorageTierReference[Up](#)

Disk storage Tier type

clustermgmt.v4.r0.b1.config.ToleranceMessage[Up](#)

Message contains the component domain fault tolerance text details

id (optional)

[String](#) Message Id

attributeList (optional)

[array\[clustermgmt.v4.r0.b1.config.AttributeItem\]](#) List of tolerance message attributes**clustermgmt.v4.r0.b1.config.UnconfigureNodeDetails**[Up](#)

List of unconfigured nodes

nodeList (optional)

[array\[clustermgmt.v4.r0.b1.config.UnconfiguredNodeListItem\]](#) List of unconfigured nodes**clustermgmt.v4.r0.b1.config.UnconfiguredNodeAttributeMap**[Up](#)

lcmFamily (optional)

[String](#) LCM family name

isModelSupported (optional)

[Boolean](#) Indicates whether the model is supported or not

defaultWorkload (optional)

[String](#) Default workload

canWorkWith1GNic (optional)

[Boolean](#) Indicates if cvm interface can work with 1 GIG NIC or not

roboMixedHypervisor (optional)

[Boolean](#) Indicates whether the hypervisor is robo mixed or not**clustermgmt.v4.r0.b1.config.UnconfiguredNodeListItem**[Up](#)

Unconfigured node details

[foundationVersion](#) (optional)
[String](#) Foundation version

[rackableUnitSerial](#) (optional)
[String](#) Rackable unit serial name

[nodeUuid](#) (optional)
[String](#) UUID of the host

[rackableUnitMaxNodes](#) (optional)
[Long](#) Maximum number of nodes in rackable-unit format: int64

[currentNetworkInterface](#) (optional)
[String](#) Current network interface of a node

[nodePosition](#) (optional)
[String](#) Position of a node in a rackable unit

[cvmlp](#) (optional)
[common.v1.r0.a3.config.IPAddress](#)

[currentCvmVlanTag](#) (optional)
[String](#) Current CVM VLAN tag

[isSecureBooted](#) (optional)
[Boolean](#) Secure boot status

[nosVersion](#) (optional)
[String](#) NOS software version of a node

[cpuType](#) (optional)
[array\[String\]](#) CPU type

[hypervisorType](#) (optional)
[clustermgmt.v4.r0.b1.config.HypervisorType](#)

[hypervisorVersion](#) (optional)
[String](#) Host version of the node

[interfacelpv6](#) (optional)
[String](#) Interface IPV6 address

[clusterId](#) (optional)
[String](#) Cluster ID

[attributes](#) (optional)
[clustermgmt.v4.r0.b1.config.UnconfiguredNodeAttributeMap](#)

[rackableUnitModel](#) (optional)
[String](#) Rackable unit model type

[arch](#) (optional)
[String](#) Cluster arch

[hypervisorIp](#) (optional)
[common.v1.r0.a3.config.IPAddress](#)

[ipmilp](#) (optional)
[common.v1.r0.a3.config.IPAddress](#)

clustermgmt.v4.r0.b1.config.UpdateClusterTaskApiResponse

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId} Put operation

[metadata](#) (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

[data](#) (optional)
[oneOf: prism.v4.r0.a2.config.TaskReference](#)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.UpdateRsyslogServerTaskApiResponse

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/rsyslog-servers/{extId} Put operation

[metadata](#) (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

[data](#) (optional)
[oneOf: prism.v4.r0.a2.config.TaskReference](#)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.UpdateSnmpStatusTaskApiResponse

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/snmp/\$actions/update-status Post operation

[metadata](#) (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

[data](#) (optional)
[oneOf: prism.v4.r0.a2.config.TaskReference](#)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.UpdateSnmpTrapTaskApiResponse[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/snmp/traps/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a2.config.TaskReference](#)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.UpdateSnmpUserTaskApiResponse[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/snmp/users/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a2.config.TaskReference](#)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.config.UpgradeStatus[Up](#)

Upgrade status of a cluster

clustermgmt.v4.r0.b1.config.UplinkInfo[Up](#)

Uplink information for controller VM

cvmlp (optional)
[common.v1.r0.a3.config.IPAddress](#)
 uplinkList (optional)
[array\[clustermgmt.v4.r0.b1.config.NameMacRef\]](#) Uplink details for a controller VM

clustermgmt.v4.r0.b1.config.UplinkNetworkItem[Up](#)

Active and standby uplink information of the target nodes

name (optional)
[String](#) Name of the uplink
 networks (optional)
[array\[String\]](#) List of network types
 uplinks (optional)
[clustermgmt.v4.r0.b1.config.Uplinks](#)

clustermgmt.v4.r0.b1.config.UplinkNode[Up](#)

Uplink information of the target nodes

cvmlp
[common.v1.r0.a3.config.IPAddress](#)
 hypervisorIp (optional)
[common.v1.r0.a3.config.IPAddress](#)
 networks
[array\[clustermgmt.v4.r0.b1.config.UplinkNetworkItem\]](#) Active and standby uplink information of the target nodes

clustermgmt.v4.r0.b1.config.Uplinks[Up](#)

Active and standby uplink information of the target nodes

active (optional)
[array\[clustermgmt.v4.r0.b1.config.UplinksField\]](#) Active uplink information
 standby (optional)
[array\[clustermgmt.v4.r0.b1.config.UplinksField\]](#) Standby uplink information

clustermgmt.v4.r0.b1.config.UplinksField[Up](#)

Properties of active and standby uplink

mac (optional)
[String](#) Mac address
 name (optional)
[String](#) Interface name
 value (optional)
[String](#) Interface value

clustermgmt.v4.r0.b1.config.UploadInfoNodeItem[Up](#)

Upload information for a node

hypervisorUploadRequired (optional)

[Boolean](#) Provides information on whether hypervisor ISO upload is required or not. This API is not supported for XEN hypervisor type.

isImagingMandatory (optional)

[Boolean](#) Indicates if imaging is required or not

nodeUuid (optional)

[String](#) UUID of the host

availableHypervisorIsoError (optional)

[String](#) Error message if any, for available hypervisor ISO

requiredHypervisorType (optional)

[clustermgmt.v4.r0.b1.config.HypervisorType](#)

isNodeCompatible (optional)

[Boolean](#) Indicates if node is compatible or not

md5Sum (optional)

[String](#) Md5sum of ISO

bundleName (optional)

[String](#) Name of the hypervisor bundle**clustermgmt.v4.r0.b1.config.UserInfo**[Up](#)

UserName and Password model

userName (optional)

[String](#) Username

password (optional)

[String](#) Password

clusterName (optional)

[String](#) Cluster name. This is part of payload for both cluster create & update operations.**clustermgmt.v4.r0.b1.config.ValidateBundleInfo**[Up](#)

Information of the bundle to verify

md5Sum (optional)

[String](#) Md5sum of ISO**clustermgmt.v4.r0.b1.config.ValidateNodeParam**[Up](#)

Request body for node validation. It can be OneOf between hypervisor bundle and node uplinks

spec

oneOf: [clustermgmt.v4.r0.b1.config.BundleParam](#)**clustermgmt.v4.r0.b1.config.ValidateNodeTaskResponse**[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/\$actions/validate-node Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#)[clustermgmt.v4.r0.b1.error.ErrorResponse](#)**clustermgmt.v4.r0.b1.config.VirtualNic**[Up](#)

Virtual NIC details

name (optional)

[String](#) Virtual NIC name

hostDescription (optional)

[String](#) Host description

macAddress (optional)

[String](#) Host Mac address

ipv4Addresses (optional)

[array\[common.v1.r0.a3.config.IPAddress\]](#) List of IPv4 addresses associated with the NIC entity for the network connection

ipv6Addresses (optional)

[array\[common.v1.r0.a3.config.IPAddress\]](#) List of IPv6 addresses associated with the NIC entity for the network connection

interfaceStatus (optional)

[String](#) Operational status of the interface to the port associated with the NIC entity.

dhcpEnabled (optional)
[Boolean](#) Status of DHCP protocol

linkSpeedInKbps (optional)
[Long](#) Link speed in Kbps format: int64

mtuInBytes (optional)
[Long](#) Maximum transmission unit in bytes format: int64

nodeUuid (optional)
[String](#) UUID of the host

vlanId (optional)
[Long](#) VLAN Id format: int64

hostNicsUuids (optional)
[array\[String\]](#) List of host NIC UUID associated with the host virtual NIC

extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

clustermgmt.v4.r0.b1.error.AppMessage

[Up](#)

This schema is generated from AppMessage.java

message (optional)
[String](#)

severity (optional)
[common.v1.r0.a3.config.MessageSeverity](#)

code (optional)
[String](#)

locale (optional)
[String](#) The locale for the message description.

errorGroup (optional)
[String](#)

argumentsMap (optional)
[map\[String, String\]](#)

clustermgmt.v4.r0.b1.error.ErrorResponse

[Up](#)

This schema is auto-generated by the Open API Dev Platform as REST response for 4xx and 5xx error responses.

error (optional)
 oneOf: [clustermgmt.v4.r0.b1.error.SchemaValidationError](#)

clustermgmt.v4.r0.b1.error.MessageSeverity

[Up](#)

Enum schema MessageSeverity

clustermgmt.v4.r0.b1.error.SchemaValidationError

[Up](#)

This schema is generated from SchemaValidationError.java

timestamp (optional)
[String](#)

statusCode (optional)
[Integer](#)

error (optional)
[String](#)

path (optional)
[String](#)

validationErrorMessage (optional)
[array\[clustermgmt.v4.r0.b1.error.SchemaValidationErrorMessage\]](#)

clustermgmt.v4.r0.b1.error.SchemaValidationErrorMessage

[Up](#)

This schema is generated from SchemaValidationErrorMessage.java

location (optional)
[String](#)

message (optional)
[String](#)

attributePath (optional)
[String](#)

clustermgmt.v4.r0.b1.stats.ClusterStats

statType (optional)

[common.v1.r0.a3.stats.DownSamplingOperator](#)

controllerAvgIoLatencyUsecs (optional)

[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Controller Average IO Latency(usecs)

controllerAvgIoLatencyUsecsUpperBuf (optional)

[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Upper Buf value of Controller Average IO Latency(usecs)

controllerAvgIoLatencyUsecsLowerBuf (optional)

[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Lower Buf value of Controller Average IO Latency(usecs)

controllerAvgReadIoLatencyUsecs (optional)

[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Controller Average Read IO Latency(usecs)

controllerAvgReadIoLatencyUsecsUpperBuf (optional)

[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Upper Buf value of Controller Average Read IO Latency(usecs)

controllerAvgReadIoLatencyUsecsLowerBuf (optional)

[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Lower Buf value of Controller Average Read IO Latency(usecs)

controllerAvgWriteIoLatencyUsecs (optional)

[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Controller Average Write IO Latency(usecs)

controllerAvgWriteIoLatencyUsecsUpperBuf (optional)

[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Upper Buf value of Controller Average Write IO Latency(usecs)

controllerAvgWriteIoLatencyUsecsLowerBuf (optional)

[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Lower Buf value of Controller Average Write IO Latency(usecs)

controllerNumIops (optional)

[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Controller IOPS Number

controllerNumIopsUpperBuf (optional)

[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Upper Buf value of Controller IOPS Number

controllerNumIopsLowerBuf (optional)

[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Lower Buf value of Controller IOPS Number

hypervisorCpuUsagePpm (optional)

[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Hypervisor CPU Usage(ppm)

hypervisorCpuUsagePpmUpperBuf (optional)

[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Upper Buf value of Hypervisor CPU Usage(ppm)

hypervisorCpuUsagePpmLowerBuf (optional)

[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Lower Buf value of Hypervisor CPU Usage(ppm)

aggregateHypervisorMemoryUsagePpm (optional)

[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Aggregate Hypervisor Memory Usage(ppm)

aggregateHypervisorMemoryUsagePpmUpperBuf (optional)

[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Upper Buf value of Aggregate Hypervisor Memory Usage(ppm)

aggregateHypervisorMemoryUsagePpmLowerBuf (optional)

[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Lower Buf value of Aggregate Hypervisor Memory Usage(ppm)

controllerNumReadIops (optional)

[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Number of controller read IOPS

controllerNumReadIopsUpperBuf (optional)

[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Upper Buf value of Number of controller read IOPS

controllerNumReadIopsLowerBuf (optional)

[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Lower Buf value of Number of controller read IOPS

controllerNumWriteIops (optional)

[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Number of controller write IOPS

controllerNumWriteIopsUpperBuf (optional)

[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Upper Buf value of Number of controller write IOPS

controllerNumWriteIopsLowerBuf (optional)

[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Lower Buf value of Number of controller write IOPS

ioBandwidthKbps (optional)

[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Controller IO Bandwidth(kBps)

ioBandwidthKbpsUpperBuf (optional)

[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Upper Buf value of Controller IO Bandwidth(kBps)

ioBandwidthKbpsLowerBuf (optional)

[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Lower Buf value of Controller IO Bandwidth(kBps)

controllerReadIoBandwidthKbps (optional)

[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Controller Read IO Bandwidth(kBps)

controllerReadIoBandwidthKbpsUpperBuf (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Upper Buf value of Controller Read IO Bandwidth(kBps)

controllerReadIoBandwidthKbpsLowerBuf (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Lower Buf value of Controller Read IO Bandwidth(kBps)

controllerWriteIoBandwidthKbpsUpperBuf (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Upper Buf value of Controller Write IO Bandwidth(kBps)

controllerWriteIoBandwidthKbpsLowerBuf (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Lower Buf value of Controller Write IO Bandwidth(kBps)

controllerWriteIoBandwidthKbps (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Controller Write IO Bandwidth(kBps)

storageUsageBytes (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Storage usage(bytes)

storageCapacityBytes (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Storage capacity(bytes)

freePhysicalStorageBytes (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Free physical space(bytes)

logicalStorageUsageBytes (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Logical storage usage(bytes)

overallMemoryUsageBytes (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Overall memory usage(bytes)

extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

clustermgmt.v4.r0.b1.stats.ClusterStatsInfoApiResponse

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/stats/clusters/{clusterExtId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [clustermgmt.v4.r0.b1.stats.ClusterStats](#)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.stats.HostStats

[Up](#)

statType (optional)
[common.v1.r0.a3.stats.DownSamplingOperator](#)

controllerAvgIoLatencyUsecs (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Controller Average IO Latency(usecs)

controllerAvgIoLatencyUsecsUpperBuf (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Upper Buf value of Controller Average IO Latency(usecs)

controllerAvgIoLatencyUsecsLowerBuf (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Lower Buf value of Controller Average IO Latency(usecs)

controllerAvgReadIoLatencyUsecs (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Controller Average Read IO Latency(usecs)

controllerAvgReadIoLatencyUsecsUpperBuf (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Upper Buf value of Controller Average Read IO Latency(usecs)

controllerAvgReadIoLatencyUsecsLowerBuf (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Lower Buf value of Controller Average Read IO Latency(usecs)

controllerAvgWriteIoLatencyUsecs (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Controller Average Write IO Latency(usecs)

controllerAvgWriteIoLatencyUsecsUpperBuf (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Upper Buf value of Controller Average Write IO Latency(usecs)

controllerAvgWriteIoLatencyUsecsLowerBuf (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Lower Buf value of Controller Average Write IO Latency(usecs)

controllerNumIops (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Controller IOPS Number

controllerNumIopsUpperBuf (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Upper Buf value of Controller IOPS Number

controllerNumIopsLowerBuf (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Lower Buf value of Controller IOPS Number

hypervisorCpuUsagePpm (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Hypervisor CPU Usage(ppm)

hypervisorCpuUsagePpmUpperBuf (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Upper Buf value of Hypervisor CPU Usage(ppm)

hypervisorCpuUsagePpmLowerBuf (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Lower Buf value of Hypervisor CPU Usage(ppm)

aggregateHypervisorMemoryUsagePpm (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Aggregate Hypervisor Memory Usage(ppm)

aggregateHypervisorMemoryUsagePpmUpperBuf (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Upper Buf value of Aggregate Hypervisor Memory Usage(ppm)

aggregateHypervisorMemoryUsagePpmLowerBuf (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Lower Buf value of Aggregate Hypervisor Memory Usage(ppm)

controllerNumReadIops (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Number of controller read IOPS

controllerNumReadIopsUpperBuf (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Upper Buf value of Number of controller read IOPS

controllerNumReadIopsLowerBuf (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Lower Buf value of Number of controller read IOPS

controllerNumWriteIops (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Number of controller write IOPS

controllerNumWriteIopsUpperBuf (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Upper Buf value of Number of controller write IOPS

controllerNumWriteIopsLowerBuf (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Lower Buf value of Number of controller write IOPS

ioBandwidthKbps (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Controller IO Bandwidth(kBps)

ioBandwidthKbpsUpperBuf (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Upper Buf value of Controller IO Bandwidth(kBps)

ioBandwidthKbpsLowerBuf (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Lower Buf value of Controller IO Bandwidth(kBps)

controllerReadIoBandwidthKbps (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Controller Read IO Bandwidth(kBps)

controllerReadIoBandwidthKbpsUpperBuf (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Upper Buf value of Controller Read IO Bandwidth(kBps)

controllerReadIoBandwidthKbpsLowerBuf (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Lower Buf value of Controller Read IO Bandwidth(kBps)

controllerWriteIoBandwidthKbpsUpperBuf (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Upper Buf value of Controller Write IO Bandwidth(kBps)

controllerWriteIoBandwidthKbpsLowerBuf (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Lower Buf value of Controller Write IO Bandwidth(kBps)

controllerWriteIoBandwidthKbps (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Controller Write IO Bandwidth(kBps)

storageUsageBytes (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Storage usage(bytes)

storageCapacityBytes (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Storage capacity(bytes)

freePhysicalStorageBytes (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Free physical space(bytes)

memoryCapacityBytes (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Size of memory(in bytes)

cpuCapacityHz (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) CPU capacity in Hz

overallMemoryUsagePpm (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Overall memory usage(ppm)

overallMemoryUsagePpmUpperBuf (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Upper Buf value of overall memory usage(ppm)

overallMemoryUsagePpmLowerBuf (optional)
[array\[clustermgmt.v4.r0.b1.stats.TimeValuePair\]](#) Lower Buf value of overall memory usage(ppm)

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

clustermgmt.v4.r0.b1.stats.HostStatsInfoApiResponse

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/stats/clusters/{clusterExtId}/hosts/{hostExtId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [clustermgmt.v4.r0.b1.stats.HostStats](#)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

clustermgmt.v4.r0.b1.stats.TimeValuePair

[Up](#)

Time - Value pair for time-series stat attributes

timestamp (optional)

[Date](#) Timestamp for given stat attribute(in ISO-8601 format) format: date-time

value (optional)

[Long](#) Value of stat at given timestamp format: int64

common.v1.r0.a3.config.FQDN

[Up](#)

A fully qualified domain name specifying its exact location in the tree hierarchy of the Domain Name System.

value (optional)

[String](#)

common.v1.r0.a3.config.Flag

[Up](#)

Many entities in the Nutanix APIs carry flags. This object captures all the flags associated with that entity through this object. The field that hosts this type of object must have an attribute called x-bounded-map-keys that tells which flags are actually present for that entity.

name (optional)

[String](#)

value (optional)

[Boolean](#)

common.v1.r0.a3.config.IPAddress

[Up](#)

An unique address that identifies a device on the internet or a local network in IPv4 or IPv6 format.

ipv4 (optional)

[common.v1.r0.a3.config.IPv4Address](#)

ipv6 (optional)

[common.v1.r0.a3.config.IPv6Address](#)

common.v1.r0.a3.config.IPAddressOrFQDN

[Up](#)

An unique address that identifies a device on the internet or a local network in IPv4/IPv6 format or a Fully Qualified Domain Name.

ipv4 (optional)

[common.v1.r0.a3.config.IPv4Address](#)

ipv6 (optional)

[common.v1.r0.a3.config.IPv6Address](#)

fqdn (optional)

[common.v1.r0.a3.config.FQDN](#)

common.v1.r0.a3.config.IPv4Address

[Up](#)

value (optional)

[String](#)

prefixLength (optional)

[Integer](#) The prefix length of the network to which this host IPv4 address belongs. format: int32

common.v1.r0.a3.config.IPv6Address

[Up](#)

value (optional)

[String](#)

prefixLength (optional)

[Integer](#) The prefix length of the network to which this host IPv6 address belongs. format: int32

common.v1.r0.a3.config.KVPair

[Up](#)

A map describing a set of keys and their corresponding values.

name (optional)

[String](#) The key of this key-value pair

value (optional)

The value associated with the key for this key-value pair
oneOf:

common.v1.r0.a3.config.Message

[Up](#)

code (optional)

[String](#) A code that uniquely identifies a message.

message (optional)

[String](#) The description of the message.

locale (optional)

[String](#) The locale for the message description.

severity (optional)

[common.v1.r0.a3.config.MessageSeverity](#)

common.v1.r0.a3.config.MessageSeverity

[Up](#)

The message severity.

common.v1.r0.a3.config.TenantAwareModel

[Up](#)

A model base class whose instances are bound to a specific tenant. This model adds a tenantId to the base model class that it extends and is automatically set by the server.

tenantId (optional)

[String](#) A globally unique identifier that represents the tenant that owns this entity. It is automatically assigned by the system and is immutable from an API consumer perspective (some use cases may cause this Id to change - for instance a use case may require the transfer of ownership of the entity, but these cases are handled automatically on the server).

common.v1.r0.a3.response.ApiLink

[Up](#)

A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

href (optional)

[String](#) The URL at which the entity described by the link can be accessed.

rel (optional)

[String](#) A name that identifies the relationship of the link to the object that is returned by the URL. The unique value of "self" identifies the URL for the object.

common.v1.r0.a3.response.ApiResponseMetadata

[Up](#)

The metadata associated with an API response. This value is always present and minimally contains the self-link for the API request that produced this response. It also contains pagination data for the paginated requests.

flags (optional)

[array\[common.v1.r0.a3.config.Flag\]](#) An array of flags that may indicate the status of the response. For example a flag with name isPaginated and value false indicates that the response is not paginated.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) An array of HATEOAS style links for the response that may also include pagination links for list operations.

totalAvailableResults (optional)

[Integer](#) The total number of entities that are available on the server for this type. format: int32

messages (optional)

[array\[common.v1.r0.a3.config.Message\]](#) Information, Warning or Error messages that might provide additional contextual information related to the operation.

extraInfo (optional)

[array\[common.v1.r0.a3.config.KVPair\]](#) An array of entity-specific metadata

common.v1.r0.a3.response.ExternalizableAbstractModel

[Up](#)

A model that represents an object instance that is accessible through an API endpoint. Instances of this type get an extId field that contains the globally unique identifier for that instance. Externally accessible instances are always tenant aware and therefore extend the TenantAwareModel

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

tenantId (optional)

[String](#) A globally unique identifier that represents the tenant that owns this entity. It is automatically assigned by the system and is immutable from an API consumer perspective (some use cases may cause this Id to change - for instance a use case may require the transfer of ownership of the entity, but these cases are handled automatically on the server).

common.v1.r0.a3.stats.DownSamplingOperator

[Up](#)

The operator to use while performing down-sampling on stats data. Allowed values are SUM, MIN, MAX, AVG, COUNT and LAST.

inline_response_200

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[clustermgmt.v4.r0.b1.config.Cluster](#)

inline_response_200_1

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[array\[clustermgmt.v4.r0.b1.config.Cluster\]](#)

inline_response_200_10

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/hosts/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[clustermgmt.v4.r0.b1.config.Host](#)

inline_response_200_11

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/hosts Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[array\[clustermgmt.v4.r0.b1.config.Host\]](#)

inline_response_200_12

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/tasks/{extId}/\$actions/fetch-task-response Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[clustermgmt.v4.r0.b1.config.SearchResponse](#)

inline_response_200_13

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/hosts Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[array\[clustermgmt.v4.r0.b1.config.Host\]](#)

inline_response_200_14

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/hosts/{extId}/host-nics Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[array\[clustermgmt.v4.r0.b1.config.HostNic\]](#)

inline_response_200_15

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/hosts/{hostExtId}/host-nics/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.config.HostNic](#)

inline_response_200_16

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/hosts/{extId}/virtual-nics Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[array\[clustermgmt.v4.r0.b1.config.VirtualNic\]](#)

inline_response_200_17

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/hosts/{hostExtId}/virtual-nics/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.config.VirtualNic](#)

inline_response_200_18

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/stats/clusters/{clusterExtId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.stats.ClusterStats](#)

inline_response_200_19

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/stats/clusters/{clusterExtId}/hosts/{hostExtId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.stats.HostStats](#)

inline_response_200_2

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/snmp Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.config.SnmpConfig](#)

inline_response_200_3

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/snmp/users/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.config.SnmpUser](#)

inline_response_200_4

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/snmp/traps/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.config.SnmpTrap](#)

inline_response_200_5

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/rsyslog-servers Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)

[array\[clustermgmt.v4.r0.b1.config.RsyslogServer\]](#)

inline_response_200_6

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/rsyslog-servers/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.config.RsyslogServer](#)

inline_response_200_7

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/rackable-units Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[array\[clustermgmt.v4.r0.b1.config.RackableUnit\]](#)

inline_response_200_8

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/rackable-units/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.config.RackableUnit](#)

inline_response_200_9

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/fault-tolerance-status Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[array\[clustermgmt.v4.r0.b1.config.DomainFaultTolerance\]](#)

inline_response_202

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_1

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_10

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/snmp/traps/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_11

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/rsyslog-servers Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_12

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/rsyslog-servers/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_13

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/rsyslog-servers/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_14

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/\$actions/discover-unconfigured-nodes Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_15

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/\$actions/fetch-node-networking-details Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_16

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/\$actions/expand-cluster Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_17

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/\$actions/check-hypervisor-requirements Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_18

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/\$actions/validate-node Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_19

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/\$actions/remove-node Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_2

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/snmp/\$actions/update-status Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_3[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/snmp/\$actions/add-transport Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_4[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/snmp/\$actions/remove-transport Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_5[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/snmp/users Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_6[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/snmp/users/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_7[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/snmp/users/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_8[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/snmp/traps Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_9[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/snmp/traps/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_4XX[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_1[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_10

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/snmp/users/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_11

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/snmp/users/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_12

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/snmp/traps Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_13

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/snmp/traps/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_14

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/snmp/traps/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_15

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/snmp/traps/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_16

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/rsyslog-servers Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_17

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/rsyslog-servers Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_18

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/rsyslog-servers/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_19

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/rsyslog-servers/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_2

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_20

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/rsyslog-servers/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_21

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/rackable-units Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_22

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/rackable-units/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_23

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/fault-tolerance-status Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_24

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/hosts/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_25

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/hosts Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)

[clustermgmt.v4.r0.b1.error.ErrorResponse](#)**inline_response_4XX_26**[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/\$actions/discover-unconfigured-nodes Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_27[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/\$actions/fetch-node-networking-details Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_28[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/\$actions/expand-cluster Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_29[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/\$actions/check-hypervisor-requirements Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_3[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_30[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/\$actions/validate-node Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_31[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/\$actions/remove-node Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_32[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/tasks/{extId}/\$actions/fetch-task-response Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_33[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/hosts Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_34

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/hosts/{extId}/host-nics Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_35

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/hosts/{hostExtId}/host-nics/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_36

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/hosts/{extId}/virtual-nics Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_37

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/hosts/{hostExtId}/virtual-nics/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_38

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/stats/clusters/{clusterExtId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_39

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/stats/clusters/{clusterExtId}/hosts/{hostExtId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_4

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/snmp Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_5

[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/snmp/\$actions/update-status Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_6[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/snmp/\$actions/add-transport Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_7[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/snmp/\$actions/remove-transport Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_8[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{extId}/snmp/users Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_9[Up](#)

REST response for all response codes in API path /clustermgmt/v4.0.b1/config/clusters/{clusterExtId}/snmp/users/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[clustermgmt.v4.r0.b1.error.ErrorResponse](#)

prism.v4.r0.a2.config.TaskReference[Up](#)

Reference to a task tracking an asynchronous operation. The status of the task can be queried by making a GET request to the task URI provided in the metadata section of the API response.

extId (optional)
[String](#) A globally unique identifier of a task.

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Access

1. HTTP Basic Authentication

Methods

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ConsistencyGroup

POST /dataprotection/v4.0.a4/config/consistency-groups

[Up](#)

Create a Consistency group. ([createConsistencyGroup](#))

Create a new Consistency group.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [dataprotection.v4.r0.a4.config.ConsistencyGroup](#) (required)

Body Parameter — There are many scenarios where the state of an application must be captured as an aggregate of the internal state of a set of related entities at some point in time. The Consistency group is a collection of all the entities whose snapshot represents the application state at that point in time

Return type

[inline response 201](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
```

```

    "value" : false
  } ],
  "messages" : [ {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

201

Details of the queried Consistency group. [inline response 201](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

DELETE /dataprotection/v4.0.a4/config/consistency-groups/{extId} ^{Up}

Delete a Consistency group. (**deleteConsistencyGroup**)

Delete the Consistency group for the provided {extId}.

Path parameters

extId (required)

Path Parameter – The external identifier that can be used to retrieve the Consistency group.

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

204

Task Id corresponding to the Consistency group delete operation.

4XX

Client error response [inline response 4XX 2](#)
 5XX
 Server error response [inline response 4XX 2](#)

GET /dataprotection/v4.0.a4/config/consistency-groups/{extId} [Up](#)

Get a Consistency group. (**getConsistencyGroup**)

Query the Consistency group for the provided {extId}.

Path parameters

extId (required)

Path Parameter – The external identifier that can be used to retrieve the Consistency group.

Return type

[inline response 201](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**Details of the queried Consistency group. [inline response 201](#)**4XX**Client error response [inline response 4XX 1](#)**5XX**Server error response [inline response 4XX 1](#)

GET /dataprotection/v4.0.a4/config/consistency-groups

[Up](#)List Consistency groups. (**getConsistencyGroups**)

List of Consistency groups.

Query parameters**vmList (optional)***Query Parameter* – List of VM external identifiers. This endpoint will return the list of Consistency groups that are part of the provided VM external identifiers list.**volumeGroupList (optional)***Query Parameter* – List of volume group external identifiers. This endpoint will return the list of Consistency groups that are part of the provided volume group external identifiers list.**\$page (optional)***Query Parameter* – A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32**\$limit (optional)***Query Parameter* – A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32**\$filter (optional)***Query Parameter* –

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

- extId
- members/entityId
- members/extId
- name
- ownerExtId

\$orderby (optional)*Query Parameter* –

A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- name

\$select (optional)*Query Parameter* –

A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.

- extId
- name
- ownerExtId

Return type[inline response 200](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
```

```

    "value" : false
  }, {
    "name" : "name",
    "value" : false
  } ],
  "messages" : [ {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : [ "", "" ]
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

List of Consistency groups. [inline response 200](#)

4XX

Client error response [inline response 4XX](#)

5XX

Server error response [inline response 4XX](#)

PUT /dataprotection/v4.0.a4/config/consistency-groups/{extId} [Up](#)

Update a Consistency group. (**updateConsistencyGroup**)

Update details of the Consistency group for the provided {extId}.

Path parameters

extId (required)

Path Parameter – The external identifier that can be used to retrieve the Consistency group.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [dataprotection.v4.r0.a4.config.ConsistencyGroup](#) (required)

Body Parameter — Required details for updating the Consistency group.

Request headers

Return type

[inline response 201](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Details of the queried Consistency group. [inline response 201](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

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common.v1.r0.a3.config.Flag

[Up](#)

Many entities in the Nutanix APIs carry flags. This object captures all the flags associated with that entity through this object. The field that hosts this type of object must have an attribute called x-bounded-map-keys that tells which flags are actually present for that entity.

name (optional)

[String](#)

value (optional)

[Boolean](#)

common.v1.r0.a3.config.IPv4Address[Up](#)

value (optional)

[String](#)

prefixLength (optional)

[Integer](#) The prefix length of the network to which this host IPv4 address belongs. format: int32**common.v1.r0.a3.config.KVPair**[Up](#)

A map describing a set of keys and their corresponding values.

name (optional)

[String](#) The key of this key-value pair

value (optional)

The value associated with the key for this key-value pair

oneOf:

common.v1.r0.a3.config.Message[Up](#)

code (optional)

[String](#) A code that uniquely identifies a message.

message (optional)

[String](#) The description of the message.

locale (optional)

[String](#) The locale for the message description.

severity (optional)

[common.v1.r0.a3.config.MessageSeverity](#)**common.v1.r0.a3.config.MessageSeverity**[Up](#)

The message severity.

common.v1.r0.a3.config.TenantAwareModel[Up](#)

A model base class whose instances are bound to a specific tenant. This model adds a tenantId to the base model class that it extends and is automatically set by the server.

tenantId (optional)

[String](#) A globally unique identifier that represents the tenant that owns this entity. It is automatically assigned by the system and is immutable from an API consumer perspective (some use cases may cause this Id to change - for instance a use case may require the transfer of ownership of the entity, but these cases are handled automatically on the server).**common.v1.r0.a3.response.ApiLink**[Up](#)

A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

href (optional)

[String](#) The URL at which the entity described by the link can be accessed.

rel (optional)

[String](#) A name that identifies the relationship of the link to the object that is returned by the URL. The unique value of "self" identifies the URL for the object.**common.v1.r0.a3.response.ApiResponseMetadata**[Up](#)

The metadata associated with an API response. This value is always present and minimally contains the self-link for the API request that produced this response. It also contains pagination data for the paginated requests.

flags (optional)

[array\[common.v1.r0.a3.config.Flag\]](#) An array of flags that may indicate the status of the response. For example a flag with name isPaginated and value false indicates that the response is not paginated.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) An array of HATEOAS style links for the response that may also include pagination links for list operations.

totalAvailableResults (optional)

[Integer](#) The total number of entities that are available on the server for this type. format: int32

messages (optional)

[array\[common.v1.r0.a3.config.Message\]](#) Information, Warning or Error messages that might provide additional contextual information related to the operation.

extraInfo (optional)

[array\[common.v1.r0.a3.config.KVPair\]](#) An array of entity-specific metadata

common.v1.r0.a3.response.ExternalizableAbstractModel

[Up](#)

A model that represents an object instance that is accessible through an API endpoint. Instances of this type get an extId field that contains the globally unique identifier for that instance. Externally accessible instances are always tenant aware and therefore extend the TenantAwareModel

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

tenantId (optional)

[String](#) A globally unique identifier that represents the tenant that owns this entity. It is automatically assigned by the system and is immutable from an API consumer perspective (some use cases may cause this Id to change - for instance a use case may require the transfer of ownership of the entity, but these cases are handled automatically on the server).

dataprotection.v4.r0.a2.common.BaseRecoveryPoint - Recovery point properties

[Up](#)

A model that represents common properties of a Recovery point resources

locationAgnosticId (optional)

[String](#) Location agnostic identifier of the Recovery point.

name (optional)

[String](#) The name of the Recovery point.

creationTime (optional)

[Date](#) The UTC date and time in ISO-8601 format when the Recovery point is created. format: date-time

expirationTime (optional)

[Date](#) The UTC date and time in ISO-8601 format when the current Recovery point expires and will be garbage collected. format: date-time

status (optional)

[dataprotection.v4.r0.a2.common.RecoveryPointStatus](#)

recoveryPointType (optional)

[dataprotection.v4.r0.a2.common.RecoveryPointType](#)

vendorSpecificProperties (optional)

[array\[dataprotection.v4.r0.a2.common.VendorSpecificProperty\]](#) List of additional metadata provided by the client at the time of Recovery point creation.

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

dataprotection.v4.r0.a2.common.RecoveryPointStatus

[Up](#)

The status of the Recovery point, which indicates whether this Recovery point is fit to be consumed.

dataprotection.v4.r0.a2.common.RecoveryPointType

[Up](#)

Type of the Recovery point.

dataprotection.v4.r0.a2.common.VendorSpecificProperty

[Up](#)

Additional metadata provided by the client at the time of Recovery point creation.

vendorId

[String](#) The unique identifier of the vendor. It can be a magic number, UUID or vendor name.

vendorMetadata

[byte\[\]](#) This is an opaque data interpreted only by the respective vendor. format: byte

dataprotection.v4.r0.a4.config.AhvVmOverrideSpec - AHV VM restore Recovery point override specification.

[Up](#)

Recovery point restore that overrides the AHV VM configuration. The specified properties will be overridden for the restored VM.

name (optional)

[String](#) The name of the restored VM

dataprotection.v4.r0.a4.config.Category - Category key value pair.

[Up](#)

Specifies category in key and value object format.

key

[String](#) Name of the category key.

value

[String](#) Name of the category value.

dataprotection.v4.r0.a4.config.ChangedRegions - Changed regions

[Up](#)

Changed Regions tracking

regions (optional)

[array\[dataprotection.v4.r0.a4.config.Regions\]](#) Changed Regions list comprising of offset and regions length pertaining to the Disk Recovery Point.

nextOffset (optional)

[Long](#) The offset from where the client must continue the request. This field will not be set when there are no more changed regions to be returned. Note that the nextOffset can be outside the endOffset specified by the client in the request. This helps clients reach the next changed offset faster. format: int64

dataprotection.v4.r0.a4.config.ChangedRegionsListApiResponse

[Up](#)

REST response for all response codes in API path /dataprotection/v4.0.a4/config/recovery-points/{recoveryPointExtId}/vm-recovery-points/{vmRecoveryPointExtId}/disk-recovery-points/{diskRecoveryPointExtId}/changed-regions Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [dataprotection.v4.r0.a4.config.ChangedRegions](#)
[dataprotection.v4.r0.a4.error.ErrorResponse](#)

dataprotection.v4.r0.a4.config.ClusterReference - Cluster reference.

[Up](#)

The UUID corresponding to the cluster where an entity resides or is synced.

extId

[String](#) External identifier of the cluster.

name (optional)

[String](#) Name of the Prism Element cluster, this is a read-only field

dataprotection.v4.r0.a4.config.ConsistencyGroup - Consistency group model object

[Up](#)

There are many scenarios where the state of an application must be captured as an aggregate of the internal state of a set of related entities at some point in time. The Consistency group is a collection of all the entities whose snapshot represents the application state at that point in time

name

[*String*](#) Name of the Consistency group.

ownerExtId (optional)

[*String*](#) The external identifier of the user who created this Consistency group. This is a read-only field that is inserted into the Consistency group entity at the time of Consistency group creation.

members (optional)

[*array\[dataprotection.v4.r0.a4.config.ConsistencyGroupMember\]*](#)

extId (optional)

[*String*](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[*array\[common.v1.r0.a3.response.ApiLink\]*](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

dataprotection.v4.r0.a4.config.ConsistencyGroupApiResponse

[Up](#)

REST response for all response codes in API path /dataprotection/v4.0.a4/config/consistency-groups/{extId} Put operation

metadata (optional)

[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)

oneOf: [dataprotection.v4.r0.a4.config.ConsistencyGroup](#)
[dataprotection.v4.r0.a4.error.ErrorResponse](#)

dataprotection.v4.r0.a4.config.ConsistencyGroupListApiResponse

[Up](#)

REST response for all response codes in API path /dataprotection/v4.0.a4/config/consistency-groups Get operation

metadata (optional)

[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)

oneOf: [dataprotection.v4.r0.a4.error.ErrorResponse](#)

dataprotection.v4.r0.a4.config.ConsistencyGroupMember - Consistency group member model object[Up](#)

External identifier of the members (VM or volume group) of the Consistency group object.

extId (optional)

[*String*](#) External identifier of the members (VM or volume group) of the Consistency group object.

entityId (optional)

[*String*](#) External identifier of the members (VM or volume group) of the Consistency group object.

entityType

[*dataprotection.v4.r0.a4.config.ConsistencyGroupMemberType*](#)

dataprotection.v4.r0.a4.config.ConsistencyGroupMemberType - Consistency group member type

[Up](#)

Consistency group member type

dataprotection.v4.r0.a4.config.ConsistencyGroupMigrateApiResponse

[Up](#)

REST response for all response codes in API path /dataprotection/v4.0.a4/config/consistency-groups/{extId}/\$actions/migrate Post operation

metadata (optional)

[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)

oneOf: [storage.v4.r0.a1.config.Task](#) [prism.v4.r0.a2.config.TaskReference](#)
[dataprotection.v4.r0.a4.error.ErrorResponse](#)

dataprotection.v4.r0.a4.config.ConsistencyGroupMigrationSpec - Consistency group migration specification. [Up](#)

Specification for the migrate action on the Consistency group.

targetAvailabilityZoneId

[String](#) Reference to the target Availability Zone where the entities need to be migrated.

targetClusterId (optional)

[String](#) Reference to the cluster in the target Availability Zone where the entities need to be migrated.

dataprotection.v4.r0.a4.config.ConsistencyGroupRecoveryPointSpec - Consistency group Recovery point specification [Up](#)

Specification for Create Consistency group Recovery point

name

[String](#) Name of the Consistency group Recovery point.

recoveryPointType (optional)

[dataprotection.v4.r0.a2.common.RecoveryPointType](#)

dataprotection.v4.r0.a4.config.CreateConsistencyGroupRecoveryPointApiResponse [Up](#)

REST response for all response codes in API path /dataprotection/v4.0.a4/config/consistency-groups/{extId}/\$actions/create-recovery-point Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#)

[dataprotection.v4.r0.a4.config.RecoveryPoint](#)

[dataprotection.v4.r0.a4.error.ErrorResponse](#)

dataprotection.v4.r0.a4.config.CreateRecoveryPointApiResponse [Up](#)

REST response for all response codes in API path /dataprotection/v4.0.a4/config/recovery-points Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#)

[dataprotection.v4.r0.a4.config.RecoveryPoint](#)

[dataprotection.v4.r0.a4.error.ErrorResponse](#)

dataprotection.v4.r0.a4.config.DataProtectionInfo - Data protection information for the protected resource. [Up](#)

The data protection details for the protected resource that are relevant to the specified cluster, like the time ranges available for recovery on the given cluster.

recoveryInfo (optional)

[dataprotection.v4.r0.a4.config.RecoveryInfo](#)

locationReference (optional)

[dataprotection.v4.r0.a4.config.DataProtectionSiteReference](#)

dataprotection.v4.r0.a4.config.DataProtectionSiteReference [Up](#)

pcExtId (optional)

[String](#) External identifier of the Prism Central.

clusterExtId (optional)

[String](#) External identifier of the cluster.

dataprotection.v4.r0.a4.config.DeleteConsistencyGroupApiResponse [Up](#)

REST response for all response codes in API path /dataprotection/v4.0.a4/config/consistency-groups/{extId} Delete operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [dataprotection.v4.r0.a4.error.ErrorResponse](#)

dataprotection.v4.r0.a4.config.DeleteRecoveryPointApiResponse

[Up](#)

REST response for all response codes in API path /dataprotection/v4.0.a4/config/recovery-points/{extId} Delete operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [storage.v4.r0.a1.config.Task](#) [prism.v4.r0.a2.config.TaskReference](#)

[dataprotection.v4.r0.a4.error.ErrorResponse](#)

dataprotection.v4.r0.a4.config.DisasterRecoveryLocation - Disaster recovery location.

[Up](#)

pcExtId

[String](#) External identifier of the Prism Central.

clusterReferences (optional)

[array\[dataprotection.v4.r0.a4.config.ClusterReference\]](#) List of Prism Element clusters references. It is required in the scenario when both primary and secondary Prism Elements are managed by the same Prism Central.

dataprotection.v4.r0.a4.config.Disk

[Up](#)

The configuration of the Disk captured by the Recovery point.

diskExtId (optional)

[String](#) Disk external identifier which is captured as part of this Recovery point.

capacityBytes (optional)

[Long](#) Capacity of the virtual disk in bytes. format: int64

dataprotection.v4.r0.a4.config.DiskRecoveryPoint - Disk Recovery point model.

[Up](#)

A model that represents the disk Recovery point properties.

disk (optional)

[dataprotection.v4.r0.a4.config.Disk](#)

locationAgnosticId (optional)

[String](#) Location agnostic identifier of the Recovery point.

name (optional)

[String](#) The name of the Recovery point.

creationTime (optional)

[Date](#) The UTC date and time in ISO-8601 format when the Recovery point is created. format: date-time

expirationTime (optional)

[Date](#) The UTC date and time in ISO-8601 format when the current Recovery point expires and will be garbage collected. format: date-time

status (optional)

[dataprotection.v4.r0.a2.common.RecoveryPointStatus](#)

recoveryPointType (optional)

[dataprotection.v4.r0.a2.common.RecoveryPointType](#)

vendorSpecificProperties (optional)

[array\[dataprotection.v4.r0.a2.common.VendorSpecificProperty\]](#) List of additional metadata provided by the client at the time of Recovery point creation.

dataprotection.v4.r0.a4.config.DiskRecoveryPointApiResponse

[Up](#)

REST response for all response codes in API path /dataprotection/v4.0.a4/config/recovery-points/{recoveryPointExtId}/volume-group-recovery-points/{volumeGroupRecoveryPointExtId}/disk-recovery-points/{diskRecoveryPointExtId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [dataprotection.v4.r0.a4.config.DiskRecoveryPoint](#)
[dataprotection.v4.r0.a4.error.ErrorResponse](#)

dataprotection.v4.r0.a4.config.DiskRecoveryPointListApiResponse

[Up](#)

REST response for all response codes in API path /dataprotection/v4.0.a4/config/recovery-points/{recoveryPointExtId}/volume-group-recovery-points/{volumeGroupRecoveryPointExtId}/disk-recovery-points Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [dataprotection.v4.r0.a4.error.ErrorResponse](#)

dataprotection.v4.r0.a4.config.ExsiVmOverrideSpec - ESXi VM restore Recovery point override specification.

[Up](#)

Recovery point restore that overrides the ESXi VM configuration. The specified properties will be overridden for the restored VM.

name (optional)

[String](#) The name of the restored VM

dataprotection.v4.r0.a4.config.HardwareArchitecture

[Up](#)

Architecture of the hardware where the Recovery point is generated.

dataprotection.v4.r0.a4.config.HostReference

[Up](#)

Information about the Witness host site.

hostType

[dataprotection.v4.r0.a4.config.HostType](#)

name

[String](#) Name of the Witness host site.

extId

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

dataprotection.v4.r0.a4.config.HostType

[Up](#)

Type of the Witness host site.

dataprotection.v4.r0.a4.config.HypervisorType

[Up](#)

Hypervisor type where the Recovery point is generated.

dataprotection.v4.r0.a4.config.IpAddress - IP address.

[Up](#)

IP address.

ipv4

[String](#) IP address value in IPv4 format.

dataprotection.v4.r0.a4.config.LocationReference[Up](#)

Location reference where the specified Recovery point is present.

locationExtId (optional)

[String](#) External identifier of the cluster where the Recovery point is present.

dataprotection.v4.r0.a4.config.PowerState[Up](#)

Power state of the VM when the Recovery point is generated.

dataprotection.v4.r0.a4.config.ProtectedResource - Protected resource model object.[Up](#)

Once a VM or volume group is associated with some protection policy, the schedule(s) in the protection policy kick in to achieve the specified recovery point objective. A protected resource represents the data protection view of such a VM or volume group. It contains information such as the restorable time ranges on the local Prism Central and the state of replication to the targets specified in all the applied protection policies.

entityExtId (optional)

[String](#) The external identifier of the VM or the volume group associated with the protected resource.

entityType (optional)

[dataprotection.v4.r0.a4.config.ProtectedResourceEntityType](#)

sourceSiteReference (optional)

[dataprotection.v4.r0.a4.config.DataProtectionSiteReference](#)

dataProtectionInfo (optional)

[array\[dataprotection.v4.r0.a4.config.DataProtectionInfo\]](#) The data protection details for the protected resource that are relevant to any of the clusters in the local Prism Central, like the time ranges available for recovery.

replicationStates (optional)

[array\[dataprotection.v4.r0.a4.config.ReplicationState\]](#)

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

dataprotection.v4.r0.a4.config.ProtectedResourceApiResponse[Up](#)

REST response for all response codes in API path /dataprotection/v4.0.a4/config/protected-resources/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [dataprotection.v4.r0.a4.config.ProtectedResource](#)

[dataprotection.v4.r0.a4.error.ErrorResponse](#)

dataprotection.v4.r0.a4.config.ProtectedResourceEntityType - Protected resource entity type.[Up](#)

Protected resource entity type.

dataprotection.v4.r0.a4.config.ProtectedResourcePromoteApiResponse[Up](#)

REST response for all response codes in API path /dataprotection/v4.0.a4/config/protected-resources/{extId}/\$actions/promote Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#)

[dataprotection.v4.r0.a4.error.ErrorResponse](#)

dataprotection.v4.r0.a4.config.ProtectedResourceReplicationStatus - Status of replication to a specified target site. [Up](#)

Status of replication to a specified target site: ACTIVE - Replications are in-progress and the specified recovery point objective is met on the target site. SYNCING - The system is trying to meet the specified recovery point objective for the target site. DEGRADED - The replication schedule has been degraded to a higher recovery point objective. DISABLED - The replication schedule is disabled and there are no ongoing replications. DECOUPLED - The connection between recovery and source site is broken, the protected resource at the recovery site is out of sync and has been promoted to a live entity.

dataprotection.v4.r0.a4.config.ProtectedResourceRestoreApiResponse [Up](#)

REST response for all response codes in API path /dataprotection/v4.0.a4/config/protected-resources/{extId}/\$actions/restore Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#)

[dataprotection.v4.r0.a4.error.ErrorResponse](#)

dataprotection.v4.r0.a4.config.ProtectedResourceRestoreSpec - Protected resource restore specification. [Up](#)

Restore action specifications for a minutely scheduled protected resource.

clusterExtId

[String](#) The external identifier of the cluster on which the entity has valid restorable time ranges. The restored entity will be created on the same cluster.

restoreTime (optional)

[Date](#) UTC date and time in ISO 8601 format representing the time from when the state of the entity should be restored. This needs to be a valid time within the restorable time range(s) for the protected resource. format: date-time

dataprotection.v4.r0.a4.config.RecoveryInfo - Recovery related information. [Up](#)

The restorable time range details that can be used to recover the protected resource.

restorableTimeRanges (optional)

[array\[dataprotection.v4.r0.a4.config.RestorableTimeRange\]](#) List of restorable time ranges.

dataprotection.v4.r0.a4.config.RecoveryPoint - Recovery point [Up](#)

Details about the Recovery point along with all the captured VM and volume group Recovery point(s).

ownerExtId (optional)

[String](#) A read only field inserted into Recovery point at the time of Recovery point creation, indicating the external identifier of the user who created this Recovery point.

locationReferences (optional)

[array\[dataprotection.v4.r0.a4.config.LocationReference\]](#) List of location references where the VM or volume group Recovery points are a part of the specified Recovery point.

vmReferenceList (optional)

[array\[String\]](#) List of VM external identifiers that are intended to be captured as part of the Recovery point.

volumeGroupReferenceList (optional)

[array\[String\]](#) List of volume group external identifiers that are intended to be captured as part of the Recovery point.

vmRecoveryPoints (optional)

[array\[dataprotection.v4.r0.a4.config.VmSubRecoveryPoint\]](#) List of VM Recovery points that are a part of the specified top-level Recovery point.

volumeGroupRecoveryPoints (optional)

[array\[dataprotection.v4.r0.a4.config.VolumeGroupSubRecoveryPoint\]](#) List of volume group Recovery points that are a part of the specified top-level Recovery point.

locationAgnosticId (optional)

[String](#) Location agnostic identifier of the Recovery point.

name (optional)

[String](#) The name of the Recovery point.

creationTime (optional)

[Date](#) The UTC date and time in ISO-8601 format when the Recovery point is created. format: date-time

expirationTime (optional)

[Date](#) The UTC date and time in ISO-8601 format when the current Recovery point expires and will be garbage collected. format: date-time

status (optional)

[dataprotection.v4.r0.a2.common.RecoveryPointStatus](#)

recoveryPointType (optional)

[dataprotection.v4.r0.a2.common.RecoveryPointType](#)

vendorSpecificProperties (optional)

[array\[dataprotection.v4.r0.a2.common.VendorSpecificProperty\]](#) List of additional metadata provided by the client at the time of Recovery point creation.

dataprotection.v4.r0.a4.config.RecoveryPointApiResponse

[Up](#)

REST response for all response codes in API path /dataprotection/v4.0.a4/config/recovery-points/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [dataprotection.v4.r0.a4.config.RecoveryPoint](#)
[dataprotection.v4.r0.a4.error.ErrorResponse](#)

dataprotection.v4.r0.a4.config.RecoveryPointListApiResponse

[Up](#)

REST response for all response codes in API path /dataprotection/v4.0.a4/config/recovery-points Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [dataprotection.v4.r0.a4.error.ErrorResponse](#)

dataprotection.v4.r0.a4.config.RecoveryPointReplicateApiResponse

[Up](#)

REST response for all response codes in API path /dataprotection/v4.0.a4/config/recovery-points/{extId}/\$actions/replicate Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [storage.v4.r0.a1.config.Task](#) [prism.v4.r0.a2.config.TaskReference](#)
[dataprotection.v4.r0.a4.error.ErrorResponse](#)

dataprotection.v4.r0.a4.config.RecoveryPointReplicationSpec - Recovery point replicate specification

[Up](#)

External identifier of the cluster and the Prism Central where the Recovery point should be replicated.

targetAvailabilityZoneId (optional)

[String](#) Target availability zone reference for the entities to be replicated.

targetClusterId (optional)

[String](#) Details of the Cluster reference in the target availability zone for the entities to be replicated.

pcExtId (optional)

[String](#) External identifier of the Prism Central.

clusterExtId (optional)

[String](#) External identifier of the cluster.

dataprotection.v4.r0.a4.config.RecoveryPointRestorationSpec - Recovery point restore specification.

[Up](#)

Specification for the restore action on the top-level Recovery point. For a Recovery point that contains multiple VM or volume group Recovery points, users can selectively trigger restore for any specific set of VM or volume group Recovery point(s). In case no particular selection is made, all VM and volume group Recovery points that are a part of the top-level Recovery point will be restored.

clusterExtId (optional)

[String](#) Recovery points are restored at the associated location reference by default. However, there is no particular location reference associated with Recovery points located on the cloud. In such a case, the client must specify the external identifier of the cluster on which the entity should be restored.

vmRecoveryPointRestoreOverrides (optional)

[array\[dataprotection.v4.r0.a4.config.VmRecoveryPointRestoreOverride\]](#) List of specifications to restore a specific VM Recovery point(s) that are a part of the top-level recovery point. A specific VM Recovery point can be selected for restore by specifying its external identifier along with override specification (if any).

volumeGroupRecoveryPointRestoreOverrides (optional)

[array\[dataprotection.v4.r0.a4.config.VolumeGroupRecoveryPointRestoreOverride\]](#) List of specifications to restore a specific volume group Recovery point(s) that are a part of the top-level Recovery point. A specific volume group Recovery point can be selected for restore by specifying its external identifier along with override specification (if any).

dataprotection.v4.r0.a4.config.RecoveryPointRestoreApiResponse

[Up](#)

REST response for all response codes in API path /dataprotection/v4.0.a4/config/recovery-points/{extId}/\$actions/restore
Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [storage.v4.r0.a1.config.Task](#) [prism.v4.r0.a2.config.TaskReference](#)
[dataprotection.v4.r0.a4.error.ErrorResponse](#)

dataprotection.v4.r0.a4.config.Regions - Regions

[Up](#)

Changed Regions list comprising of offset and regions length pertaining to the Disk Recovery Point.

offset (optional)

[Long](#) The byte offset indicating the start of the regions. format: int64

length (optional)

[Long](#) The length of the regions in bytes. format: int64

dataprotection.v4.r0.a4.config.ReplicationState - Replication related information about the protected resource.

[Up](#)

Replication related information about the protected resource.

protectionPolicyReference (optional)

[String](#) The external identifier of the protection policy associated with the protected resource.

recoveryPointObjective (optional)

[Long](#) The recovery point objective of the schedule in seconds. format: int64

replicationStatus (optional)

[dataprotection.v4.r0.a4.config.ProtectedResourceReplicationStatus](#)

targetSiteReference (optional)

[dataprotection.v4.r0.a4.config.DataProtectionSiteReference](#)

dataprotection.v4.r0.a4.config.RestorableTimeRange - Time range during which the entity is restorable.

[Up](#)

The start and end time details, both inclusively represent the range of time during which the entity is restorable.

startTime (optional)

[Date](#) UTC date and time in ISO 8601 format representing the time when the restorable time range for the entity starts. format: date-time

endTime (optional)

[Date](#) UTC date and time in ISO 8601 format representing the time when the restorable time range for the entity ends. format: date-time

dataprotection.v4.r0.a4.config.SetExpirationTimeSpec - Recovery point expiration time update specification.

[Up](#)

Specification to set the expiration time of the Recovery point.

expirationTime

[Date](#) The UTC date and time in ISO-8601 format when the current Recovery point expires and will be garbage collected. If not specified, the Recovery point will never expire. format: date-time

dataprotection.v4.r0.a4.config.SiteReference - Site reference specification

[Up](#)

Specification corresponding to the cluster reference information along with the related AZ information.

availabilityZoneReference (optional)

[String](#) The UUID corresponding to the Availability Zone where an entity resides or is synced.

clusterReference (optional)

[String](#) The UUID corresponding to the cluster where an entity resides or is synced.

dataprotection.v4.r0.a4.config.Subnet - Subnet.

[Up](#)

CIDR of the network gateway.

ipv4 (optional)

[common.v1.r0.a3.config.IPV4Address](#)

dataprotection.v4.r0.a4.config.SyncedVolumeGroupByIdApiResponse

[Up](#)

REST response for all response codes in API path /dataprotection/v4.0.a4/config/synced-volume-groups/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [dataprotection.v4.r0.a4.config.VolumeGroupSyncContext](#)
[dataprotection.v4.r0.a4.error.ErrorResponse](#)

dataprotection.v4.r0.a4.config.SynchronousReplicaPromoteApiResponse

[Up](#)

REST response for all response codes in API path /dataprotection/v4.0.a4/config/synced-volume-groups/{extId}/\$actions/promote Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#)
[dataprotection.v4.r0.a4.error.ErrorResponse](#)

dataprotection.v4.r0.a4.config.UpdateRecoveryPointExpirationTimeApiResponse

[Up](#)

REST response for all response codes in API path /dataprotection/v4.0.a4/config/recovery-points/{extId}/\$actions/set-expiration-time Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#)
[dataprotection.v4.r0.a4.error.ErrorResponse](#)

dataprotection.v4.r0.a4.config.VMRecoveryPoint - VM Recovery point[Up](#)

A model that represents VM Recovery point properties.

consistencyGroupExtId (optional)

[String](#) External identifier of the Consistency group which the entity was part of at the time of Recovery point creation.

vm (optional)

[dataprotection.v4.r0.a4.config.Vm](#)

locationAgnosticId (optional)

[String](#) Location agnostic identifier of the Recovery point.

name (optional)

[String](#) The name of the Recovery point.

creationTime (optional)

[Date](#) The UTC date and time in ISO-8601 format when the Recovery point is created. format: date-time

expirationTime (optional)

[Date](#) The UTC date and time in ISO-8601 format when the current Recovery point expires and will be garbage collected. format: date-time

status (optional)

[dataprotection.v4.r0.a2.common.RecoveryPointStatus](#)

recoveryPointType (optional)

[dataprotection.v4.r0.a2.common.RecoveryPointType](#)

vendorSpecificProperties (optional)

[array\[dataprotection.v4.r0.a2.common.VendorSpecificProperty\]](#) List of additional metadata provided by the client at the time of Recovery point creation.

dataprotection.v4.r0.a4.config.VMRecoveryPointApiResponse[Up](#)

REST response for all response codes in API path /dataprotection/v4.0.a4/config/recovery-points/{recoveryPointExtId}/vm-recovery-points/{vmRecoveryPointExtId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [dataprotection.v4.r0.a4.config.VMRecoveryPoint](#)
[dataprotection.v4.r0.a4.error.ErrorResponse](#)

dataprotection.v4.r0.a4.config.VMRecoveryPointListApiResponse[Up](#)

REST response for all response codes in API path /dataprotection/v4.0.a4/config/recovery-points/{recoveryPointExtId}/vm-recovery-points Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [dataprotection.v4.r0.a4.error.ErrorResponse](#)

dataprotection.v4.r0.a4.config.ValidateRecoveryPointResult - Recovery point validation result [Up](#)

Recovery point validation failure details, if any.

severity

[dataprotection.v4.r0.a4.config.ValidationSeverity](#)

detail (optional)

[String](#) Validation failure or warning details.

resolution (optional)

[String](#) Possible resolution for the validation failure or warning.

dataprotection.v4.r0.a4.config.ValidateRestoreVmRecoveryPointApiResponse[Up](#)

REST response for all response codes in API path /dataprotection/v4.0.a4/config/recovery-points/{recoveryPointExtId}/vm-recovery-points/{vmRecoveryPointExtId}/\$actions/validate-restore Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [dataprotection.v4.r0.a4.error.ErrorResponse](#)

dataprotection.v4.r0.a4.config.ValidationSeverity

[Up](#)

Validation failure severity. Applicable values are WARNING or ERROR.

dataprotection.v4.r0.a4.config.Vm

[Up](#)

The configuration of the VM captured by the Recovery point.

vmExtId (optional)

[String](#) VM external identifier which is captured as part of this Recovery point.

name (optional)

[String](#) The name of the VM that is captured as part of this Recovery point.

numVcpus (optional)

[Integer](#) Number of vCPUs.

coresPerVcpu (optional)

[Integer](#) Number of cores per vCPU.

vmNumThreadsPerCore (optional)

[Integer](#) Docref(vmNumThreadsPerCoreDesc)

memorySizeBytes (optional)

[Long](#) Memory size in bytes. format: int64

hypervisorType (optional)

[dataprotection.v4.r0.a4.config.HypervisorType](#)

powerState (optional)

[dataprotection.v4.r0.a4.config.PowerState](#)

hardwareArchitecture (optional)

[dataprotection.v4.r0.a4.config.HardwareArchitecture](#)

dataprotection.v4.r0.a4.config.VmRecoveryPointRestorationSpec - VM Recovery point restore specification.

[Up](#)

Specification for the restore action on the VM Recovery point.

ahvVmOverrideSpec (optional)

[dataprotection.v4.r0.a4.config.AhvVmOverrideSpec](#)

esxiVmOverrideSpec (optional)

[dataprotection.v4.r0.a4.config.EsxiVmOverrideSpec](#)

clusterExtId (optional)

[String](#) Recovery points are restored at the associated location reference by default. However, there is no particular location reference associated with Recovery points located on the cloud. In such a case, the client must specify the external identifier of the cluster on which the entity should be restored.

dataprotection.v4.r0.a4.config.VmRecoveryPointRestoreApiResponse

[Up](#)

REST response for all response codes in API path /dataprotection/v4.0.a4/config/recovery-points/{recoveryPointExtId}/vm-recovery-points/{vmRecoveryPointExtId}/\$actions/restore Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [storage.v4.r0.a1.config.Task](#) [prism.v4.r0.a2.config.TaskReference](#)

[dataprotection.v4.r0.a4.error.ErrorResponse](#)

dataprotection.v4.r0.a4.config.VmRecoveryPointRestoreOverride - VM Recovery point restore specification.

[Up](#)

vmRecoveryPointId

[String](#) External identifier of a VM Recovery point, that is a part of the top-level Recovery point.

ahvVmOverrideSpec (optional)

[dataprotection.v4.r0.a4.config.AhvVmOverrideSpec](#)

esxiVmOverrideSpec (optional)

[dataprotection.v4.r0.a4.config.EsxiVmOverrideSpec](#)

dataprotection.v4.r0.a4.config.VmSubRecoveryPoint - VM Recovery point

[Up](#)

A model that represents VM Recovery point properties.

vmRecoveryPointId (optional)

[String](#) The external identifier that can be used to retrieve the VM Recovery point using its URL.

consistencyGroupExtId (optional)

[String](#) External identifier of the Consistency group which the entity was part of at the time of Recovery point creation.

locationAgnosticId (optional)

[String](#) Location agnostic identifier of the Recovery point. This identifier is used to identify the same instances of a Recovery point across different sites.

vmExtId (optional)

[String](#) VM external identifier which is captured as part of this Recovery point.

vmCategories (optional)

[array\[String\]](#) Category key-value pairs associated with the VM at the time of Recovery point creation. The category key and value are separated by '/'. For example, a category with key 'dept' and value 'hr' will be represented as 'dept/hr'.

dataprotection.v4.r0.a4.config.VolumeGroup

[Up](#)

The configuration of the volume group captured by the Recovery point.

volumeGroupExtId (optional)

[String](#) Volume group external identifier which is captured as part of this Recovery point.

name (optional)

[String](#) The name of the volume group that is captured as part of this Recovery point.

dataprotection.v4.r0.a4.config.VolumeGroupOverrideSpec - Volume group restore Recovery point override specification.

[Up](#)

Recovery point restore that overrides the volume group configuration. The specified properties will be overridden for the restored volume group.

name (optional)

[String](#) The name of the restored volume group.

dataprotection.v4.r0.a4.config.VolumeGroupRecoveryPoint - Volume group Recovery point

[Up](#)

A model that represents volume group Recovery point properties.

consistencyGroupExtId (optional)

[String](#) External identifier of the Consistency group which the entity was part of at the time of Recovery point creation.

volumeGroup (optional)

[dataprotection.v4.r0.a4.config.VolumeGroup](#)

locationAgnosticId (optional)

[String](#) Location agnostic identifier of the Recovery point.

name (optional)

[String](#) The name of the Recovery point.

creationTime (optional)

[Date](#) The UTC date and time in ISO-8601 format when the Recovery point is created. format: date-time

expirationTime (optional)

[Date](#) The UTC date and time in ISO-8601 format when the current Recovery point expires and will be garbage collected. format: date-time

status (optional)

[dataprotection.v4.r0.a2.common.RecoveryPointStatus](#)

recoveryPointType (optional)

[dataprotection.v4.r0.a2.common.RecoveryPointType](#)

vendorSpecificProperties (optional)

[array\[dataprotection.v4.r0.a2.common.VendorSpecificProperty\]](#) List of additional metadata provided by the client at the time of Recovery point creation.

dataprotection.v4.r0.a4.config.VolumeGroupRecoveryPointApiResponse

[Up](#)

REST response for all response codes in API path /dataprotection/v4.0.a4/config/recovery-points/{recoveryPointExtId}/volume-group-recovery-points/{volumeGroupRecoveryPointExtId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [dataprotection.v4.r0.a4.config.VolumeGroupRecoveryPoint](#)
[dataprotection.v4.r0.a4.error.ErrorResponse](#)

dataprotection.v4.r0.a4.config.VolumeGroupRecoveryPointListApiResponse

[Up](#)

REST response for all response codes in API path /dataprotection/v4.0.a4/config/recovery-points/{recoveryPointExtId}/volume-group-recovery-points Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [dataprotection.v4.r0.a4.error.ErrorResponse](#)

dataprotection.v4.r0.a4.config.VolumeGroupRecoveryPointRestorationSpec - Volume group Recovery point restore specification.

[Up](#)

Specification for the restore action on the volume group Recovery point.

clusterExtId (optional)

[String](#) Recovery points are restored at the associated location reference by default. However, there is no particular location reference associated with Recovery points located on the cloud. In such a case, the client must specify the external identifier of the cluster on which the entity should be restored.

name (optional)

[String](#) The name of the restored volume group.

dataprotection.v4.r0.a4.config.VolumeGroupRecoveryPointRestoreApiResponse

[Up](#)

REST response for all response codes in API path /dataprotection/v4.0.a4/config/recovery-points/{recoveryPointExtId}/volume-group-recovery-points/{volumeGroupRecoveryPointExtId}/\$actions/restore Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [storage.v4.r0.a1.config.Task](#) [prism.v4.r0.a2.config.TaskReference](#)
[dataprotection.v4.r0.a4.error.ErrorResponse](#)

dataprotection.v4.r0.a4.config.VolumeGroupRecoveryPointRestoreOverride - Volume group Recovery point restore specification.

[Up](#)

volumeGroupRecoveryPointId

[String](#) External identifier of a volume group Recovery point, that is a part of the top-level Recovery point.

volumeGroupOverrideSpec (optional)

[dataprotection.v4.r0.a4.config.VolumeGroupOverrideSpec](#)

dataprotection.v4.r0.a4.config.VolumeGroupSubRecoveryPoint - Volume group Recovery point

[Up](#)

A model that represents volume group Recovery point properties.

volumeGroupRecoveryPointId (optional)

[String](#) The external identifier that can be used to retrieve the volume group Recovery point using its URL.

consistencyGroupExtId (optional)

[String](#) External identifier of the Consistency group which the entity was part of at the time of Recovery point creation.

locationAgnosticId (optional)

[String](#) Location agnostic identifier of the Recovery point. This identifier is used to identify the same instances of a Recovery point across different sites.

volumeGroupExtId (optional)

[String](#) Volume group external identifier which is captured as part of this Recovery point.

volumeGroupCategories (optional)

[array\[String\]](#) Category key-value pairs associated with the volume group at the time of Recovery point creation. The category key and value are separated by '/'. For example, a category with key 'dept' and value 'hr' will be represented as 'dept/hr'.

dataprotection.v4.r0.a4.config.VolumeGroupSyncContext - Volume Group Sync context specification

[Up](#)

Specification corresponding to the Volume Group synced state. The primary site reference corresponds to the cluster reference information along with the related AZ information where the entity resides. The secondary site reference corresponds to the cluster site reference information along with the related AZ information where the Volume Group is synced to.

primarySite (optional)

[dataprotection.v4.r0.a4.config.SiteReference](#)

secondarySite (optional)

[dataprotection.v4.r0.a4.config.SiteReference](#)

dataprotection.v4.r0.a4.config.VpcReference - VPC reference.

[Up](#)

VPC reference to which the network belongs.

extId

[String](#) External identifier of the VPC.

name (optional)

[String](#) Name of the VPC, this is a read-only field.

dataprotection.v4.r0.a4.config.Witness - Witness information.

[Up](#)

A model that represents the details of a Witness site.

name (optional)

[String](#) Name of the Witness site.

hostReferences (optional)

[array\[dataprotection.v4.r0.a4.config.HostReference\]](#) List of host references of the Witness.

ipAddresses (optional)

[array\[String\]](#) List of IP addresses to be assigned to the Virtual Machine.

status (optional)

[dataprotection.v4.r0.a4.config.WitnessAvailabilityStatus](#)

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

dataprotection.v4.r0.a4.config.WitnessApiResponse

[Up](#)

REST response for all response codes in API path /dataprotection/v4.0.a4/config/witness/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [dataprotection.v4.r0.a4.config.Witness](#)

[dataprotection.v4.r0.a4.error.ErrorResponse](#)

dataprotection.v4.r0.a4.config.WitnessAvailabilityStatus

[Up](#)

Availability status of the Witness.

dataprotection.v4.r0.a4.error.AppMessage

[Up](#)

This schema is generated from AppMessage.java

message (optional)

[String](#)

severity (optional)

[common.v1.r0.a3.config.MessageSeverity](#)

code (optional)

[String](#)

locale (optional)

[String](#) The locale for the message description.

errorGroup (optional)

[String](#)

argumentsMap (optional)

[map\[String, String\]](#)

dataprotection.v4.r0.a4.error.ErrorResponse

[Up](#)

This schema is auto-generated by the Open API Dev Platform as REST response for 4xx and 5xx error responses.

error (optional)

oneOf: [dataprotection.v4.r0.a4.error.SchemaValidationError](#)

dataprotection.v4.r0.a4.error.MessageSeverity

[Up](#)

Enum schema MessageSeverity

dataprotection.v4.r0.a4.error.SchemaValidationError

[Up](#)

This schema is generated from SchemaValidationError.java

timestamp (optional)

[String](#)

statusCode (optional)

[Integer](#)

error (optional)

[String](#)

path (optional)

[String](#)

validationErrorMessages (optional)

[array\[dataprotection.v4.r0.a4.error.SchemaValidationErrorMessage\]](#)

dataprotection.v4.r0.a4.error.SchemaValidationErrorMessage[Up](#)

This schema is generated from SchemaValidationErrorMessage.java

location (optional)

[*String*](#)

message (optional)

[*String*](#)

attributePath (optional)

[*String*](#)

inline_response_200[Up](#)

REST response for all response codes in API path /dataprotection/v4.0.a4/config/consistency-groups Get operation

metadata (optional)

[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)

[*array\[dataprotection.v4.r0.a4.config.ConsistencyGroup\]*](#)

inline_response_201[Up](#)

REST response for all response codes in API path /dataprotection/v4.0.a4/config/consistency-groups/{extId} Put operation

metadata (optional)

[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)

[*dataprotection.v4.r0.a4.config.ConsistencyGroup*](#)

inline_response_4XX[Up](#)

REST response for all response codes in API path /dataprotection/v4.0.a4/config/consistency-groups Get operation

metadata (optional)

[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)

[*dataprotection.v4.r0.a4.error.ErrorResponse*](#)

inline_response_4XX_1[Up](#)

REST response for all response codes in API path /dataprotection/v4.0.a4/config/consistency-groups/{extId} Put operation

metadata (optional)

[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)

[*dataprotection.v4.r0.a4.error.ErrorResponse*](#)

inline_response_4XX_2[Up](#)

REST response for all response codes in API path /dataprotection/v4.0.a4/config/consistency-groups/{extId} Delete operation

metadata (optional)

[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)

[*dataprotection.v4.r0.a4.error.ErrorResponse*](#)

prism.v4.r0.a2.config.TaskReference[Up](#)

Reference to a task tracking an asynchronous operation. The status of the task can be queried by making a GET request to the task URI provided in the metadata section of the API response.

extId (optional)

[*String*](#) A globally unique identifier of a task.

storage.v4.r0.a1.config.Task - Task Object

[Up](#)

Object encapsulating Task ID return value.

extId (optional)

[*String*](#) The external identifier of the task.

Nutanix Files Versioned APIs

Manage virtual file servers, create and configure shares for client access, protect them using DR and sync policies, provision storage space and administer security controls.

More information: <https://helloeverb.com>

Contact Info: hello@helloeverb.com

Version: 4.0.1-alpha-2

BasePath: /api

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Access

1. HTTP Basic Authentication

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AdminUsers

POST /files/v4.0.a2/config/file-server/admin-users

Up

Create admin user (createAdminUser)

Create an admin user using the provided request body.

The user needs to specify the name and role for the new admin user to be created.

A sample request body would look like this:

```
{
  "role": "ADMIN",
  "name": "administrator"
}
```

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [files.v4.r0.a2.config.AdminUser](#) (required)

Body Parameter — The model associated with create admin user.

Return type

[files.v4.r0.a2.config.CreateAdminUserApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**201**

Response of the create admin user request. This returns the created admin user. [files.v4.r0.a2.config.CreateAdminUserApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.CreateAdminUserApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.CreateAdminUserApiResponse](#)

DELETE /files/v4.0.a2/config/file-server/admin-users/{adminUserExtId}

Delete admin user (`deleteAdminUser`)

Delete the admin user with the given external identifier.

The user has to specify - a valid external identifier (`adminUserExtId`) of the admin user to be deleted.

How to pass Etag

For performing delete, the user needs an Etag value which is returned as a part of the response headers for the get operation.

A sample GET request url to get etag value would look like this:

```
/api/files/v4.0.a2/config/file-server/admin-users/38f78959-14a6-4c47-b5db-920460c4b668
```

Response headers for the above call would look like this:

```
Etag: 10
Ntnx-Request-Id: fcf929a-3ece-41d3-5a49-dd35f2610530
Content-Type: application/json
```

The user needs to pass the above value of Etag to If-Match header in the DELETE request to the below URL

```
/api/files/v4.0.a2/config/file-server/admin-users/38f78959-14a6-4c47-b5db-920460c4b668
```

Request headers for the above call would look like this:

```
If-Match: 10
Content-Type: application/json
```

Etag is required for v4.0.a2 APIs. If this header is not passed or an incorrect value is passed, the request will fail with 412 precondition failed status.

Path parameters

adminUserExtId (required)

Path Parameter — Admin user UUID. Example:28f78959-14a6-4c47-b5db-920460c4b668.

Return type

[files.v4.r0.a2.config.DeleteAdminUserApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  }
```

```
"data" : ""  
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

204

Delete admin user successful, no content returned. [files.v4.r0.a2.config.DeleteAdminUserApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.DeleteAdminUserApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.DeleteAdminUserApiResponse](#)

GET /files/v4.0.a2/config/file-server/admin-users/{adminUserExtId}

[Up](#)

Get admin user by extId (getAdminUserByExtId)

Get admin user with the given external identifier.

The user has to specify - a valid external identifier (adminUserExtId) of the admin user to be fetched.

Etag

Etag is used to cache unchanged resources. When making a GET call to the above resource, If-None-Match header can be passed as shown in the example below.

```
If-None-Match: 9  
Content-Type: application/json
```

The server compares the above Etag (sent with If-None-Match) with the Etag for its current version of the resource, and if both values match (that is, the resource has not changed), the server sends back a 304 Not Modified status, without a body. This tells the user that the cached version of the response is still good to use (fresh). If it doesn't match, it will send the response body of the latest resource with the updated value of Etag in the response headers as below:

```
Etag: 10  
Ntnx-Request-Id: fc6f929a-3ece-41d3-5a49-dd35f2610530  
Content-Type: application/json
```

If this header is not passed, the server will send the full payload with the latest etag value in response headers.

Path parameters

adminUserExtId (required)

Path Parameter — Admin user UUID. Example:28f78959-14a6-4c47-b5db-920460c4b668.

Return type

[files.v4.r0.a2.config.AdminUserApiResponse](#)

Example data

Content-Type: application/json

```
{  
  "metadata" : {  
    "totalAvailableResults" : 0,  
    "flags" : [ {  
      "name" : "name",  
      "value" : false  
    }, {  
      "name" : "name",  
      "value" : false  
    } ],  
    "messages" : [ {  
      "severity" : "$UNKNOWN",  
      "code" : "code",  
      "message" : "message",  
      "locale" : "en_US"  
    }, {  
      "severity" : "$UNKNOWN",  
      "code" : "code",  
      "message" : "message",  
      "locale" : "en_US"  
    } ],  
    "links" : [ {  
      "rel" : "rel",  
      "href" : "href"  
    }, {  
      "rel" : "rel",  
      "href" : "href"  
    } ],  
    "extraInfo" : [ {  

```

```

    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Details of the queried admin user. [files.v4.r0.a2.config.AdminUserApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.AdminUserApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.AdminUserApiResponse](#)

GET /files/v4.0.a2/config/file-server/admin-users

[Up](#)

List admin users (**getAdminUsers**)

Get a list of admin users.

You can use filtering options to manage the results of your query. The `$filter` query parameter provides a flexible way to subset the resources from collections by combining comparison and other functions. There are several kinds of basic predicates and built-in functions for `$filter`, including logical operators and arithmetic operators. For more detailed information, refer to the [OData V4 URL Conventions Document](#). For more information, see [5.1.2 System Query Option \\$filter](#). Following OData filters are supported:

- name
- role

A sample request URL would look like this:

```
/files/v4.0.a2/config/file-server/admin-users?$filter=role eq Schema.Enums.AdminRole'BACKUP_OPERATOR'
```

Example of supported query parameters for admin users LIST API:

```

- ?$page=0&$limit=1
- ?$select=name, role
- ?$orderby=name desc
- ?$filter=role eq Schema.Enums.AdminRole'BACKUP_OPERATOR'
- ?$filter=startswith(name,'test')
- ?$filter=endswith(name,'test')
- ?$filter=contains(name,'admin')
- ?$select=name, role&$filter=startswith(name,'test')
- ?$limit=5&$select=name, role&$orderby=name desc

```

The `$orderby` query parameter allows specifying attributes on which to sort the returned list of admin users.

The following parameters support sorting in admin user list API:

- name
- role

A sample request URL would look like this:

```
/files/v4.0.a2/config/file-server/admin-users?$orderby=name desc
```

The `$select` query parameter allows specifying attributes which the user wants to fetch in the returned list of admin users, other attributes will be returned as a null value.

The following attributes can be selected:

- name
- role

Some more examples are given below:

1. Order by name in ascending order

```
/files/v4.0.a2/config/file-server/admin-users?$orderby=name asc
```

2. Select by name

```
/files/v4.0.a2/config/file-server/admin-users?$select=name
```

3. Paginate the returned list

```
/files/v4.0.a2/config/file-server/admin-users?$page=0&$limit=1
```

4. Combination of queries

```
/files/v4.0.a2/config/file-server/admin-users?$limit=5&$select=name, role&$orderby=name desc
```

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will be set to its nearest bound. In other words, a page number of less than 0 would be set to 0 and a page number greater than the total available pages would be set to the last page. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 0 and 100. Any number out of this range will be set to the default maximum number of records, which is 100. default: 50 format: int32

\$filter (optional)

Query Parameter — A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. The filter can be applied on the following fields:

- name
- role

\$orderby (optional)

Query Parameter — A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, 'orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- name
- role

Return type

[files.v4.r0.a2.config.AdminUserListApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

List of admin users queried. [files.v4.r0.a2.config.AdminUserListApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.AdminUserListApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.AdminUserListApiResponse](#)

PUT /files/v4.0.a2/config/file-server/admin-users/{adminUserExtId}

[Up](#)

Update admin user (updateAdminUser)

Updates an admin user with the given external identifier using the provided request body.

The user has to specify - a valid external identifier (adminUserExtId) of the admin user to be updated. They also need to provide a request body for performing the update.

A sample request body would look like this:

```
{
  "role": "ADMIN",
  "name": "administrator"
}
```

It is always recommended to do a GET on a resource before doing an UPDATE.

How to pass Etag

For performing an update, the user needs an Etag value which is returned as a part of the response headers for the get operation.

A sample GET request url to get etag value would look like this:

```
/api/files/v4.0.a2/config/file-server/admin-users/38f78959-14a6-4c47-b5db-920460c4b668
```

Response headers for the above call would look like this:

```
Etag: 10
Ntnx-Request-Id: fc6f929a-3ece-41d3-5a49-dd35f2610530
Content-Type: application/json
```

The user needs to pass the above value of Etag to If-Match header in the PUT request to the below URL

```
/api/files/v4.0.a2/config/file-server/admin-users/38f78959-14a6-4c47-b5db-920460c4b668
```

Request headers for the above call would look like this:

```
If-Match: 10
Content-Type: application/json
```

Etag is required for v4.0.a2 APIs. If this header is not passed or an incorrect value is passed, the request will fail with 412 precondition failed status.

Path parameters

adminUserExtId (required)

Path Parameter — Admin user UUID. Example:28f78959-14a6-4c47-b5db-920460c4b668.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [files.v4.r0.a2.config.AdminUser](#) (required)

Body Parameter — The model associated with create admin user.

Return type

[files.v4.r0.a2.config.UpdateAdminUserApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
```

```

    "name" : "name",
    "value" : false
  } ],
  "messages" : [ {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Response of update admin user. This returns the updated admin user. [files.v4.r0.a2.config.UpdateAdminUserApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.UpdateAdminUserApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.UpdateAdminUserApiResponse](#)

Analytics

GET /files/v4.0.a2/stats/file-server/anti-virus-servers/{antivirusServerExtId} [Up](#)

Get Antivirus Stats (getAntivirusServerStats)

Get the antivirus server stats for the given external identifier.

The user has to specify - a valid external identifier (antivirusServerExtId) of the antivirus server for which stats need to be fetched and comma separated list of metrics. The user can also specify startTimeInUsecs and endTimeInUsecs in query parameters

Available list of metrics are scanned_file_count, threat_count, cleaned_file_count, quarantined_file_count, latency_ms, throughput_bytes, disconnect_count

Path parameters

antivirusServerExtId (required)

Path Parameter — Antivirus server UUID. Example:18f78959-14a6-4c47-b5db-920460c4b668.

Query parameters

metrics (required)

Query Parameter — List of metrics. scanned_file_count, threat_count, cleaned_file_count, quarantined_file_count, latency_ms, throughput_bytes, disconnect_count

startTimeInUsecs (optional)

Query Parameter — Start time in microseconds to retrieve all the stats generated after this timestamp.

For example: 1622705280584000 format: int64

endTimeInUsecs (optional)

Query Parameter — End time in microseconds to retrieve all the stats generated before this timestamp. For example: 1622791680585000 format: int64

Return type

[files.v4.r0.a2.stats.AntivirusServerStatsApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Details of the antivirus server stats. [files.v4.r0.a2.stats.AntivirusServerStatsApiResponse](#)

4XX

Client error response [files.v4.r0.a2.stats.AntivirusServerStatsApiResponse](#)

5XX

Server error response [files.v4.r0.a2.stats.AntivirusServerStatsApiResponse](#)

GET /files/v4.0.a2/stats/file-server

[Up](#)

Get File server stats (getFileServerStats)

Get the file server stats for the file server.

The user has to specify a comma separated list of metrics. User can also specify startTimeInUsecs and endTimeInUsecs in path parameters.

Available list of metrics are number_of_files, number_of_connections, used_bytes, snapshot_used_bytes, latency,throughput, iops, write_latency, read_latency, metadata_latency, write_throughput, read_throughput, read_iops, write_iops, metadata_iops.

Query parameters

metrics (required)

Query Parameter – List of metrics. number_of_files, number_of_connections, used_bytes, snapshot_used_bytes, latency,throughput, iops, write_latency, read_latency, metadata_latency, write_throughput, read_throughput, read_iops, write_iops, metadata_iops

startTimeInUsecs (optional)

Query Parameter – Start time in microseconds to retrieve all the stats generated after this timestamp.

For example: 1622705280584000 format: int64

endTimeInUsecs (optional)

Query Parameter – End time in microseconds to retrieve all the stats generated before this timestamp. For example: 1622791680585000 format: int64

Return type

[files.v4.r0.a2.stats.FileServerStatsApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**Details of the file server stats. [files.v4.r0.a2.stats.FileServerStatsApiResponse](#)**4XX**Client error response [files.v4.r0.a2.stats.FileServerStatsApiResponse](#)**5XX**Server error response [files.v4.r0.a2.stats.FileServerStatsApiResponse](#)

GET /files/v4.0.a2/stats/file-server/mount-targets/{mountTargetExtId}

[Up](#)**Get Mount target stats (getMountTargetStats)**

Get the mount target stats for the mount target with the given external identifier.

The user has to specify - a valid external identifier (mountTargetExtId) of the mount target for which the stats need to be fetched and comma separated list of metrics. The user can also specify startTimeInUsecs and endTimeInUsecs in query parameters

Available list of metrics are average_latency, average_throughput, read_latency, metadata_latency, write_throughput, read_throughput, average_iops, write_iops, read_iops, metadata_iops, number_of_files, number_of_connections, space_used_bytes, snapshot_used_bytes, s3_write_latency

Path parameters**mountTargetExtId (required)**

Path Parameter – The {extId} of the mount target. Example:9c1e537d-6777-4c22-5d41-ddd0c3337aa9.

Query parameters**metrics (required)**

Query Parameter – List of metrics. average_latency, average_throughput, read_latency, metadata_latency, write_throughput, read_throughput, average_iops, write_iops, read_iops, metadata_iops, number_of_files, number_of_connections, space_used_bytes, snapshot_used_bytes

startTimeInUsecs (optional)

Query Parameter – Start time in microseconds to retrieve all the stats generated after this timestamp. For example: 1622705280584000 format: int64

endTimeInUsecs (optional)

Query Parameter – End time in microseconds to retrieve all the stats generated before this timestamp. For example: 1622791680585000 format: int64

Return type

[files.v4.r0.a2.stats.MountTargetStatsApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Get mount target stats where the mount target is identified by {mountTargetExtId}. [files.v4.r0.a2.stats.MountTargetStatsApiResponse](#)

4XX

Client error response [files.v4.r0.a2.stats.MountTargetStatsApiResponse](#)

5XX

Server error response [files.v4.r0.a2.stats.MountTargetStatsApiResponse](#)

AntivirusServers

POST /files/v4.0.a2/config/file-server/anti-virus-servers

[Up](#)

Create antivirus server (**createAntivirusServer**)

Create antivirus server using the provided request body.

A sample request body would look like this:

```
{
  "port": 1222,
  "description": "server-1 description",
  "name": "server-1",
  "icapServiceName": "avscan",
  "address": {
    "ipv4": {
      "value": "10.23.12.21"
    }
  }
}
```

```

    }
  }
}

```

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [files.v4.r0.a2.config.AntivirusServer](#) (required)

Body Parameter — Antivirus server model. Create request model contains description, address and port.

Return type

[files.v4.r0.a2.config.CreateAntivirusServerApiResponse](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

201

Response of the create antivirus server request. [files.v4.r0.a2.config.CreateAntivirusServerApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.CreateAntivirusServerApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.CreateAntivirusServerApiResponse](#)

DELETE /files/v4.0.a2/config/file-server/anti-virus-servers/{antivirusServerExtId} [Up](#)

Delete antivirus server ([deleteAntivirusServer](#))

Delete the antivirus server with the given external identifier.

The user has to specify - a valid external identifier (antivirusServerExtId) of the antivirus server to be deleted.

How to pass Etag

For performing delete, the user needs an Etag value which is returned as a part of the response headers for the get operation.

A sample GET request url to get etag value would look like this:

```
/api/files/v4.0.a2/config/file-server/anti-virus-servers/18f78959-14a6-4c47-b5db-920460c4b668
```

Response headers for the above call would look like this:

```
Etag: 10
Ntnx-Request-Id: fc6f929a-3ece-41d3-5a49-dd35f2610530
Content-Type: application/json
```

The user needs to pass the above value of Etag to If-Match header in the DELETE request to the below URL

```
/api/files/v4.0.a2/config/file-server/anti-virus-servers/18f78959-14a6-4c47-b5db-920460c4b668
```

Request headers for the above call would look like this:

```
If-Match: 10
Content-Type: application/json
```

Etag is required for v4.0.a2 APIs. If this header is not passed or an incorrect value is passed, the request will fail with 412 precondition failed status.

Path parameters

antivirusServerExtId (required)

Path Parameter — Antivirus server UUID. Example:18f78959-14a6-4c47-b5db-920460c4b668.

Return type

[files.v4.r0.a2.config.DeleteAntivirusServerApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

204

Delete antivirus server response [files.v4.r0.a2.config.DeleteAntivirusServerApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.DeleteAntivirusServerApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.DeleteAntivirusServerApiResponse](#)GET /files/v4.0.a2/config/file-server/anti-virus-servers/{antivirusServerExtId} [Up](#)Get antivirus server by extId (**getAntivirusServerByExtId**)

Get antivirus server for the provided extId with the given external identifier.

The user has to specify - a valid external identifier (antivirusServerExtId) of the antivirus server to be fetched.

Etag

Etag is used to cache unchanged resources. When making a GET call to the above resource, If-None-Match header can be passed as shown in the example below.

```
If-None-Match:      9
Content-Type:      application/json
```

The server compares the above Etag (sent with If-None-Match) with the Etag for its current version of the resource, and if both values match (that is, the resource has not changed), the server sends back a 304 Not Modified status, without a body. This tells the user that the cached version of the response is still good to use (fresh). If it doesn't match, it will send the response body of the latest resource with the updated value of Etag in the response headers as below:

```
Etag:              10
Ntnx-Request-Id:   fc6f929a-3ece-41d3-5a49-dd35f2610530
Content-Type:      application/json
```

If this header is not passed, the server will send the full payload with the latest etag value in response headers.

Path parameters**antivirusServerExtId (required)***Path Parameter* — Antivirus server UUID. Example:18f78959-14a6-4c47-b5db-920460c4b668.**Return type**[files.v4.r0.a2.config.AntivirusServerApiResponse](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
}
```

```
"data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Response of the get antivirus server for the provided extId. [files.v4.r0.a2.config.AntivirusServerApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.AntivirusServerApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.AntivirusServerApiResponse](#)

GET /files/v4.0.a2/config/file-server/anti-virus-servers

[Up](#)

List antivirus servers (getAntivirusServers)

Get a paginated list of antivirus servers.

You can use filtering options to manage the results of your query. The `$filter` query parameter provides a flexible way to subset the resources from collections by combining comparison and other functions. There are several kinds of basic predicates and built-in functions for `$filter`, including logical operators and arithmetic operators. For more detailed information, refer to the [OData V4 URL Conventions Document](#). For more information, see [5.1.2 System Query Option \\$filter](#). Following OData filters are supported:

- port

A sample request URL would look like this:

```
/files/v4.0.a2/config/file-server/anti-virus-servers?$filter=port eq 1344
```

Example of supported query parameters for antivirus servers LIST API:

- `?$page=0&$limit=1`
- `?$select=port, description`
- `?$orderby=port desc`
- `?$filter=port eq 1344`
- `?$filter=port ne 1344`
- `?$select=port&$filter=port eq 1344`
- `?$limit=5&$select=port, description&$orderby=port desc`

The `$orderby` query parameter allows specifying attributes on which to sort the returned list of antivirus servers.

The following parameters support sorting in antivirus server list API:

- port

A sample request URL would look like this:

```
/files/v4.0.a2/config/file-server/anti-virus-servers?$orderby=port desc
```

The `$select` query parameter allows specifying attributes which the user wants to fetch in the returned list of servers, other attributes will be returned as a null value.

The following attributes can be selected:

- description
- port
- enable
- partner
- icapServiceName

Some more examples are given below:

1. Order by description in ascending order

```
/files/v4.0.a2/config/file-server/anti-virus-servers?$orderby=description asc
```

2. Select by description

```
/files/v4.0.a2/config/file-server/anti-virus-servers?$select=description
```

3. Paginate the returned list

```
/files/v4.0.a2/config/file-server/anti-virus-servers?$page=0&$limit=1
```

4. Combination of queries

```
/files/v4.0.a2/config/file-server/anti-virus-servers?$limit=5&$select=description, port&$orderby=port desc
```

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will be set to its nearest bound. In other words, a page number of less than 0 would be set to 0 and a page number greater than the total available pages would be set to the last page. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 0 and 100. Any number out of this range will be set to the default maximum number of records, which is 100. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. The filter can be applied on the following fields:

- port

\$orderby (optional)

Query Parameter —

A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, 'orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- port

\$select (optional)

Query Parameter —

A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.

- address
- connectionStatus
- description
- enable
- extId
- icapServiceName
- isEnabled
- links
- partner
- port
- tenantId

Return type

[files.v4.r0.a2.config.AntivirusServerListApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Response of list antivirus servers. [files.v4.r0.a2.config.AntivirusServerListApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.AntivirusServerListApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.AntivirusServerListApiResponse](#)

POST /files/v4.0.a2/config/file-server/anti-virus-servers/{antivirusServerExtId}

Test antivirus server connection (**testConnectionAntivirusServer**)

Test antivirus server connection with the given external identifier.

The user has to specify - a valid external identifier (antivirusServerExtId) of the antivirus sever for which the connection needs to be tested.

Path parameters

antivirusServerExtId (required)

Path Parameter — Antivirus server UUID. Example:18f78959-14a6-4c47-b5db-920460c4b668.

Return type

[files.v4.r0.a2.config.TestConnectionAntivirusServerApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

201

Response for test antivirus server connection. [files.v4.r0.a2.config.TestConnectionAntivirusServerApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.TestConnectionAntivirusServerApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.TestConnectionAntivirusServerApiResponse](#)

PUT /files/v4.0.a2/config/file-server/anti-virus-servers/{antivirusServerExtId}

Update antivirus server (updateAntivirusServer)

Update antivirus server using the provided request body.

The user has to specify - a valid external identifier (antivirusServerExtId) of the antivirus server to be updated. They also need to provide a request body for performing the update.

A sample request body would look like this:

```
{
  "description": "server-1 updated description",
  "address": {
    "ipv4": {}
  },
  "port": 1222,
  "icapServiceName": "avscan",
  "extId": "18f78959-14a6-4c47-b5db-920460c4b668"
}
```

It is always recommended to do a GET on a resource before doing an UPDATE.

How to pass Etag

For performing an update, the user needs an Etag value which is returned as a part of the response headers for the get operation.

A sample GET request url to get etag value would look like this:

```
/api/files/v4.0.a2/config/file-server/anti-virus-servers/18f78959-14a6-4c47-b5db-920460c4b668
```

Response headers for the above call would look like this:

```
Etag: 10
Ntnx-Request-Id: fc6f929a-3ece-41d3-5a49-dd35f2610530
Content-Type: application/json
```

The user needs to pass the above value of Etag to If-Match header in the PUT request to the below URL

```
/api/files/v4.0.a2/config/file-server/anti-virus-servers/18f78959-14a6-4c47-b5db-920460c4b668
```

Request headers for the above call would look like this:

```
If-Match: 10
Content-Type: application/json
```

Etag is required for v4.0.a2 APIs. If this header is not passed or an incorrect value is passed, the request will fail with 412 precondition failed status.

Path parameters

antivirusServerExtId (required)

Path Parameter — Antivirus server UUID. Example:18f78959-14a6-4c47-b5db-920460c4b668.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [files.v4.r0.a2.config.AntivirusServer](#) (required)

Body Parameter — Antivirus server update model. Update request model contains description, address and port. The user cannot modify port and address fields.

Return type

[files.v4.r0.a2.config.UpdateAntivirusServerApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
```

```

    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Response of the update antivirus server request. [files.v4.r0.a2.config.UpdateAntivirusServerApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.UpdateAntivirusServerApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.UpdateAntivirusServerApiResponse](#)

DnsEntries

POST /files/v4.0.a2/config/file-server/\$actions/add-dns-entries

[Up](#)**Add DNS server (addDnsServer)**

Add a new DNS server using the provided request body.

A sample request body would look like this:

```

{
  "username": "administrator",
  "preferredNameServer": "child4.afs.minerva.com",
  "password": "3a1d1d124e00b0f401d",
  "operationType": "MS_DNS"
}

```

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [files.v4.r0.a2.config.Dns](#) (required)
Body Parameter — Add DNS server entry.

Return type

[files.v4.r0.a2.config.AddDnsEntriesApiResponse](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {

```

```

    "name" : "name",
    "value" : false
  } ],
  "messages" : [ {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Task Id returned for the add DNS server request. [files.v4.r0.a2.config.AddDnsEntriesApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.AddDnsEntriesApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.AddDnsEntriesApiResponse](#)

GET /files/v4.0.a2/config/file-server/dns-entries

[Up](#)

List DNS entries (getDnsServers)

Get a paginated list of DNS servers.

You can use filtering options to manage the results of your query. The \$filter query parameter provides a flexible way to subset the resources from collections by combining comparison and other functions. There are several kinds of basic predicates and built-in functions for \$filter, including logical operators and arithmetic operators. For more detailed information, refer to the [OData V4 URL Conventions Document](#). For more information, see [5.1.2 System Query Option \\$filter](#). Following OData filters are supported:

- hostName

A sample request URL would look like this:

```
/files/v4.0.a2/config/file-server/dns-entries?$filter=hostName eq 'fs-jun1-pe.child4.afs.minerva.com'
```

Example of supported query parameters for DNS servers LIST API:

```

- ?$page=0&$limit=1
- ?$select=extId, hostName
- ?$orderby=hostName desc
- ?$filter=hostName eq 'fs-jun1-pe.child4.afs.minerva.com'
- ?$filter=startswith(hostName,'test')
- ?$filter=endswith(hostName,'test')
- ?$filter=contains(hostName,'admin')
- ?$select=name, hostName&$filter=startswith(hostName,'test')
- ?$limit=5&$select=extId, hostName&$orderby=hostName desc

```

The \$orderby query parameter allows specifying attributes on which to sort the returned list of DNS servers.

The following parameters support sorting in DNS server list API:

- name
- role

A sample request URL would look like this:

```
/files/v4.0.a2/config/file-server/dns-entries?$orderby=hostName desc
```

The \$select query parameter allows specifying attributes which the user wants to fetch in the returned list of DNS servers, other attributes will be returned as a null value.

The following attributes can be selected:

- extId
- preferredNameServer
- ipAddress
- hostName
- isVerified

Some more examples are given below:

1. Order by name in ascending order

```
/files/v4.0.a2/config/file-server/dns-entries?$orderby=hostName asc
```

2. Select by preferredNameServer

```
/files/v4.0.a2/config/file-server/dns-entries?$select=preferredNameServer
```

3. Paginate the returned list

```
/files/v4.0.a2/config/file-server/dns-entries?$page=0&$limit=1
```

4. Combination of queries

```
/files/v4.0.a2/config/file-server/dns-entries?$limit=5&$select=extId, hostName&$orderby=hostName desc
```

Query parameters

\$page (optional)

Query Parameter – A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will be set to its nearest bound. In other words, a page number of less than 0 would be set to 0 and a page number greater than the total available pages would be set to the last page. default: 0 format: int32

\$limit (optional)

Query Parameter – A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 0 and 100. Any number out of this range will be set to the default maximum number of records, which is 100. default: 50 format: int32

\$filter (optional)

Query Parameter –

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. The filter can be applied on the following fields:

- hostName

\$orderby (optional)

Query Parameter –

A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, 'orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- hostName

\$select (optional)

Query Parameter –

A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.

- extId
- hostName
- ipAddress
- isVerified
- links
- tenantId

Return type

[files.v4.r0.a2.config.DnsEntriesListApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults" : 0,
    "flags": [ {
      "name": "name",
      "value" : false
    }, {
      "name": "name",
      "value" : false
    } ],
    "messages" : [ {
```

```

    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**List of DNS server queried. [files.v4.r0.a2.config.DnsEntriesListApiResponse](#)**4XX**Client error response [files.v4.r0.a2.config.DnsEntriesListApiResponse](#)**5XX**Server error response [files.v4.r0.a2.config.DnsEntriesListApiResponse](#)

POST /files/v4.0.a2/config/file-server/\$actions/remove-dns-entries

[Up](#)**Remove DNS entries (removeDnsServer)**

Remove DNS server entry using the provided request body.

A sample request body would look like this:

```

{
  "username": "administrator",
  "preferredNameServer": "child4.afs.minerva.com",
  "password": "3a1d1d124e00b0f401d",
  "operationType": "MS_DNS"
}

```

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [files.v4.r0.a2.config.Dns](#) (required)

Body Parameter — Delete DNS server entry.

Return type

[files.v4.r0.a2.config.RemoveDnsEntriesApiResponse](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",

```

```

    "value" : false
  } ],
  "messages" : [ {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**Task Id returned for the remove DNS server request. [files.v4.r0.a2.config.RemoveDnsEntriesApiResponse](#)**4XX**Client error response [files.v4.r0.a2.config.RemoveDnsEntriesApiResponse](#)**5XX**Server error response [files.v4.r0.a2.config.RemoveDnsEntriesApiResponse](#)

POST /files/v4.0.a2/config/file-server/\$actions/verify-dns-entries

[Up](#)**Verify DNS entries (verifyDnsServer)**

Validate DNS entries using the provided request body.

A sample request body would look like this:

```

{
  "username": "administrator",
  "preferredNameServer": "child4.afs.minerva.com",
  "password": "3a1d1d124e00b0f401d",
  "operationType": "MS_DNS"
}

```

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [files.v4.r0.a2.config.Dns](#) (optional)
Body Parameter — Verify DNS server entry.

Return type

[files.v4.r0.a2.config.VerifyDnsEntriesApiResponse](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",

```

```
    "value" : false
  }, {
    "name" : "name",
    "value" : false
  } ],
  "messages" : [ {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
}, {
  "data" : ""
}
```

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses
202
Task Id returned for the verify DNS server request. [files.v4.r0.a2.config.VerifyDnsEntriesApiResponse](#)
4XX
Client error response [files.v4.r0.a2.config.VerifyDnsEntriesApiResponse](#)
5XX
Server error response [files.v4.r0.a2.config.VerifyDnsEntriesApiResponse](#)

FileServer

GET /files/v4.0.a2/config/file-server



Get file server (**getFileServers**)

Get file server details.

Etag

Etag is used to cache unchanged resources. When making a GET call to the above resource, If-None-Match header can be passed as shown in the example below.

```
If-None-Match: 9
Content-Type: application/json
```

The server compares the above Etag (sent with If-None-Match) with the Etag for its current version of the resource, and if both values match (that is, the resource has not changed), the server sends back a 304 Not Modified status, without a body. This tells the user that the cached version of the response is still good to use (fresh). If it doesn't match, it will send the response body of the latest resource with the updated value of Etag in the response headers as below:

```
Etag: 10
Ntnx-Request-Id: fc6f929a-3ece-41d3-5a49-dd35f2610530
Content-Type: application/json
```

Etag is required for v4.0.a2 APIs. If this header is not passed, the server will send the full payload with the latest etag value in response headers.

Return type
[files.v4.r0.a2.config.FileServerGetApiResponse](#)

Example data
Content-Type: application/json

```
{
  "metadata" : {
```

```

    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Paginated list of file servers. [files.v4.r0.a2.config.FileServerGetApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.FileServerGetApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.FileServerGetApiResponse](#)

PUT /files/v4.0.a2/config/file-server

[Up](#)

Update a file server (updateFileServer)

Update details of a file server with the given external identifier.

The user has to specify a request body for performing the update. User can specify updated values for fields like nvmsCount, sizeInGib, ntpServers, vms etc. Network updates are not allowed as part of update file-server.

A sample request body would look like this:

```

{
  "containerExtId": "18f78959-14a6-4c47-b5db-920460c4b668",
  "nvmsCount": 1,
  "sizeInGib": 1024,
  "ntpServers": [
    {
      "ipv4": {
        "value": "10.1.61.96"
      }
    },
    {
      "ipv4": {
        "value": "10.40.64.15"
      }
    },
    {
      "ipv4": {
        "value": "10.40.64.16"
      }
    }
  ],
  "memoryGib": 12,

```



```

"vms": [
  {
    "externalNetworks": [
      {
        "ipAddresses": [
          {
            "ipv4": {
              "value": "10.53.89.31"
            }
          }
        ]
      }
    ],
    "vcpus": 4,
    "memoryGib": 12,
    "name": "NTNX-mar10-fs-1",
    "extId": "1a6d0f9b-be7a-409d-9c05-79974efb5c4a"
  }
],
"externalPrimaryNetworkExtId": "8064cae7-13c6-4cc9-be63-021dec2448ac",
"fileBlockingExtensions": [
  ".doc"
],
"cvmIpAddresses": [{
  "value": "10.51.48.119"
}],
"name": "mar10-fs",
"rebalanceNeeded": false,
"vcpus": 4,
"version": "4.0.0",
"dnsDomainName": "child4.afs.minerva.com",
"dnsServers": [
  {
    "value": "10.40.64.16"
  },
  {
    "value": "10.40.64.16"
  },
  {
    "value": "10.40.64.16"
  }
],
"compressionEnabled": true
}

```

It is always recommended to do a GET on a resource before doing an UPDATE.

How to pass Etag

For performing an update, the user needs an Etag value which is returned as a part of the response headers for the get operation.

A sample GET request url to get etag value would look like this:

```
/api/files/v4.0.a2/config/file-server
```

Response headers for the above call would look like this:

```

Etag: 10
Ntnx-Request-Id: fc6f929a-3ece-41d3-5a49-dd35f2610530
Content-Type: application/json

```

The user needs to pass the above value of Etag to If-Match header in the PUT request to the below URL

```
/api/files/v4.0.a2/config/file-server
```

Request headers for the above call would look like this:

```

If-Match: 10
Content-Type: application/json

```

Etag is required for v4.0.a2 APIs. If this header is not passed or an incorrect value is passed, the request will fail with 412 precondition failed status.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [files.v4.r0.a2.config.FileServer](#) (required)
Body Parameter — A model that represents file server resources.

Return type

[files.v4.r0.a2.config.UpdateFileServerApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**ExtId of the task corresponding to the file server update. [files.v4.r0.a2.config.UpdateFileServerApiResponse](#)**4XX**Client error response [files.v4.r0.a2.config.UpdateFileServerApiResponse](#)**5XX**Server error response [files.v4.r0.a2.config.UpdateFileServerApiResponse](#)

FileServerUsers

POST /files/v4.0.a2/config/file-server/users

[Up](#)Create a file server user (**createFileServerUser**)

Create a file server user using the provided request body.

The user has to specify the request body for creating an user. They need to specify name, password, roles inside request body.

A sample request body would look like this:

```
{
  "password": "testuser",
  "name": "testuser",
  "roles": [
    "ROLE_CLUSTER_ADMIN",
    "ROLE_CLUSTER_VIEWER"
  ]
}
```

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [files.v4.r0.a2.config.FileServerUser](#) (required)
Body Parameter — File server user model.

Return type

[files.v4.r0.a2.config.CreateFileServerUserApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

201

Create file server user successful. This returns the created file server user. [files.v4.r0.a2.config.CreateFileServerUserApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.CreateFileServerUserApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.CreateFileServerUserApiResponse](#)

DELETE /files/v4.0.a2/config/file-server/users/{fileServerUserExtId}

[Up](#)

Delete file server user (*deleteFileServerUser*)

Delete file server user with the given external identifier.

The user has to specify a valid external identifier (extId) of the file server user to be deleted.

Path parameters

fileServerUserExtId (required)

Path Parameter — File server user UUID. Example:48f78959-14a6-4c47-b5db-920460c4b668

Return type

[files.v4.r0.a2.config.DeleteFileServerUserApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

204

File server user deleted, no response returned. [files.v4.r0.a2.config.DeleteFileServerUserApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.DeleteFileServerUserApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.DeleteFileServerUserApiResponse](#)

GET /files/v4.0.a2/config/file-server/users/{fileServerUserExtId}

[Up](#)

Get file server user by extId ([getFileServerUserByExtId](#))

Get a file server user with the given external identifier.

The user has to specify - a valid external identifier (extId) of the file server user to be fetched.

Path parameters

fileServerUserExtId (required)

Path Parameter — File server user UUID. Example:48f78959-14a6-4c47-b5db-920460c4b668

Return type

[files.v4.r0.a2.config.FileServerUserApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

```

    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**Details of the queried file server user. [files.v4.r0.a2.config.FileServerUserApiResponse](#)**4XX**Client error response [files.v4.r0.a2.config.FileServerUserApiResponse](#)**5XX**Server error response [files.v4.r0.a2.config.FileServerUserApiResponse](#)

GET /files/v4.0.a2/config/file-server/users

[Up](#)List all the file server users (**getFileServerUsers**)

Get a list of file server users.

You can use filtering options to manage the results of your query. The `$filter` query parameter provides a flexible way to subset the resources from collections by combining comparison and other functions. There are several kinds of basic predicates and built-in functions for `$filter`, including logical operators and arithmetic operators. For more detailed information, refer to the [OData V4 URL Conventions Document](#). For more information, see [5.1.2 System Query Option \\$filter](#).

A sample request URL with limit would look like this:

```
/api/files/v4.0.a2/config/file-server/users?$limit=1
```

Return type[files.v4.r0.a2.config.FileServerUserListApiResponse](#)**Example data**

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",

```

```

    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**List of file server users queried. [files.v4.r0.a2.config.FileServerUserListApiResponse](#)**4XX**Client error response [files.v4.r0.a2.config.FileServerUserListApiResponse](#)**5XX**Server error response [files.v4.r0.a2.config.FileServerUserListApiResponse](#)

PUT /files/v4.0.a2/config/file-server/users/{fileServerUserExtId}

[Up](#)**Update file server user (updateFileServerUser)**

Update a file server user with the given external identifier using the provided request body.

The user has to specify - a valid external identifier (extId) of the file server user to be updated. They also need to provide a request body for performing the update. They need to specify the name and password of the file server user. They can also specify roles in the request body.

A sample request body would look like this:

```

{
  "password": "password",
  "name": "testuser",
  "roles": [
    "ROLE_CLUSTER_ADMIN"
  ]
}

```

Path parameters**fileServerUserExtId (required)***Path Parameter* — File server user UUID. Example:48f78959-14a6-4c47-b5db-920460c4b668**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body**body [files.v4.r0.a2.config.FileServerUser](#) (required)***Body Parameter* — File server user model.**Return type**[files.v4.r0.a2.config.UpdateFileServerUserApiResponse](#)**Example data**

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }
  ]
}

```

```
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Update file server user successful. This returns the updated file server user. [files.v4.r0.a2.config.UpdateFileServerUserApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.UpdateFileServerUserApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.UpdateFileServerUserApiResponse](#)

InfectedFiles

GET /files/v4.0.a2/config/file-server/infected-files/{infectedFileExtId}

[Up](#)

Get infected file by extId (**getInfectedFileByExtId**)

Get infected files with the given external identifier.

The user has to specify - a valid external identifier (infectedFileExtId) of the infected file to be fetched. The user can also specify inside a path parameter - a valid external identifier(mountTargetExtId) to which the file belongs.

Path parameters

infectedFileExtId (required)
Path Parameter – The extId of the infected file.

Query parameters

mountTargetExtId (optional)
Query Parameter – The {extId} of the mount target. Example:9c1e537d-6777-4c22-5d41-ddd0c3337aa9.

Return type

[files.v4.r0.a2.config.InfectedFilesApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    } ]
  }
}
```

```

    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Response of get infected files request. [files.v4.r0.a2.config.InfectedFilesApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.InfectedFilesApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.InfectedFilesApiResponse](#)

GET /files/v4.0.a2/config/file-server/infected-files

[Up](#)

List of infected files (listInfectedFiles)

Get a paginated list of infected files.

You can use filtering options to manage the results of your query. The `$filter` query parameter provides a flexible way to subset the resources from collections by combining comparison and other functions. There are several kinds of basic predicates and built-in functions for `$filter`, including logical operators and arithmetic operators. For more detailed information, refer to the [OData V4 URL Conventions Document](#). For more information, see [5.1.2 System Query Option \\$filter](#).

Example of supported query parameters for infected files LIST API:

- `?$page=0&$limit=1`
- `?$select=shareName, filePath, threatDescription`
- `?$limit=5&$select=shareName, filePath`

The following attributes can be selected:

- mountTargetExtId
- shareName
- filePath
- threatDescription
- scanTimestampUsecs
- quarantined
- icapServer

Query parameters

mountTargetExtId (optional)

Query Parameter – The {extId} of the mount target. Example:9c1e537d-6777-4c22-5d41-ddd0c3337aa9.

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will be set to its nearest bound. In other words, a page number of less than 0 would be set to 0 and a page number greater than the total available pages would be set to the last page. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 0 and 100. Any number out of this range will be set to the default maximum number of records, which is 100. default: 50 format: int32

\$select (optional)

Query Parameter —

A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.

- extId
- filePath
- fileServerExtId
- icapServer
- links
- mountTargetExtId
- quarantined
- scanTimestampUsecs
- shareName
- tenantId
- threatDescription

Return type

[files.v4.r0.a2.config.InfectedFilesListApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Response of list infected files request. [files.v4.r0.a2.config.InfectedFilesListApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.InfectedFilesListApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.InfectedFilesListApiResponse](#)

POST /files/v4.0.a2/config/file-server/\$actions/quarantine-infected-files

[Up](#)

Quarantine infected files (quarantineInfectedFiles)

Quarantine infected files with the given infected files UUIDs in the request body.

A sample request body would look like this:

```
{
  "infectedFileUuids": [
    "392e08f3-5d27-4655-8936-2a558fd29ef2"
  ]
}
```

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [files.v4.r0.a2.config.InfectedFileSpec](#) (required)

Body Parameter — Quarantine infected files request.

Return type

[files.v4.r0.a2.config.QuarantineInfectedFilesApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Response of quarantine infected files request. [files.v4.r0.a2.config.QuarantineInfectedFilesApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.QuarantineInfectedFilesApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.QuarantineInfectedFilesApiResponse](#)

POST /files/v4.0.a2/config/file-server/\$actions/remove-infected-files

[Up](#)

Remove infected files (removeInfectedFiles)

Remove infected files with the given infected files UUID in request body.

A sample request body would look like this:

```
{
  "infectedFileUuids": [
    "392e08f3-5d27-4655-8936-2a558fd29ef2"
  ]
}
```

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [files.v4.r0.a2.config.InfectedFileSpec](#) (required)
Body Parameter — Remove infected files request.

Return type

[files.v4.r0.a2.config.RemoveInfectedFilesApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Response of remove infected files request. [files.v4.r0.a2.config.RemoveInfectedFilesApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.RemoveInfectedFilesApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.RemoveInfectedFilesApiResponse](#)

POST /files/v4.0.a2/config/file-server/\$actions/rescan-infected-files

Rescan infected files (rescanInfectedFiles)

Rescan infected files with the given infected files UUID in request body. A sample request body would look like this:

```
{
  "infectedFileUuids": [
    "392e08f3-5d27-4655-8936-2a558fd29ef2"
  ]
}
```

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [files.v4.r0.a2.config.InfectedFileSpec](#) (required)

Body Parameter — Rescan infected files request

Return type

[files.v4.r0.a2.config.RescanInfectedFilesApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Response of rescan infected files request. [files.v4.r0.a2.config.RescanInfectedFilesApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.RescanInfectedFilesApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.RescanInfectedFilesApiResponse](#)

POST /files/v4.0.a2/config/file-server/\$actions/reset-infected-files

Reset infected files (**resetInfectedFiles**)

Reset infected files with the given infected files UUID in request body.

A sample request body would look like this:

```
{
  "infectedFileUuids": [
    "392e08f3-5d27-4655-8936-2a558fd29ef2"
  ]
}
```

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [files.v4.r0.a2.config.InfectedFileSpec](#) (required)
Body Parameter — Reset infected files request.

Return type

[files.v4.r0.a2.config.ResetInfectedFilesApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Response of reset infected files request. [files.v4.r0.a2.config.ResetInfectedFilesApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.ResetInfectedFilesApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.ResetInfectedFilesApiResponse](#)

POST /files/v4.0.a2/config/file-server/\$actions/unquarantine-infected-files [Up](#)

Unquarantine infected files request. (**unQuarantineInfectedFiles**)

Unquarantine infected files using the provided request body.

The user has to specify list of infectedFileUids of files which needs to be unquarantined inside the request body.

A sample request body would look like this:

```
{
  "infectedFileUids": [
    "392e08f3-5d27-4655-8936-2a558fd29ef2"
  ]
}
```

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [files.v4.r0.a2.config.InfectedFileSpec](#) (required)
Body Parameter — Unquarantine infected files request.

Return type

[files.v4.r0.a2.config.UnQuarantineInfectedFilesApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Response of unquarantine infected files request. [files.v4.r0.a2.config.UnQuarantineInfectedFilesApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.UnQuarantineInfectedFilesApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.UnQuarantineInfectedFilesApiResponse](#)

MountTargets

[Up](#)

POST /files/v4.0.a2/config/file-server/mount-targets

Create a mount target (createMountTargets)

Create a mount target using the provided request body.

The user has to specify name and type of the mount target which needs to be created. User can also specify maxSizeGib, path, secondaryProtocol, state etc of the mount target.

A sample request body would look like this:

```
{
  "protocol": "NFS",
  "name": "sharetest",
  "maxSizeGib": 1,
  "extId": "2f2193f0-0c9e-4be4-571a-949694761ff3",
  "enableCompression": true,
  "secondaryProtocol": [
    "NONE"
  ],
  "nfsProperties": {
    "authenticationType": "SYSTEM",
    "clientAccessType": {
      "defaultAccessType": "READ_WRITE"
    }
  },
  "type": "GENERAL",
  "description": "share"
}
```

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [files.v4.r0.a2.config.MountTarget](#) (required)
Body Parameter — Mount target model

Return type

[files.v4.r0.a2.config.CreateMountTargetApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    } ]
  }
}
```

```

    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Task Id returned for the create mount target request. [files.v4.r0.a2.config.CreateMountTargetApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.CreateMountTargetApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.CreateMountTargetApiResponse](#)

DELETE /files/v4.0.a2/config/file-server/mount-targets/{mountTargetExtId}

[Up](#)

Delete a mount target (**deleteMountTargetById**)

Delete a mount target with the given external identifier.

The user has to specify - a valid external identifier (mountTargetExtId) of the mount target to be deleted. User can also specify force flag to delete mount target forcefully.

How to use Etag

For performing delete, the user needs an Etag value which is returned as a part of the response headers for the get operation.

A sample GET request url to get etag value would look like this:

```
/api/files/v4.0.a2/config/file-server/mount-targets/9c1e537d-6777-4c22-5d41-ddd0c3337aa9
```

Response headers for the above call would look like this:

```

Etag:          10
Ntnx-Request-Id: f6f929a-3ece-41d3-5a49-dd35f2610530
Content-Type:  application/json

```

The user needs to pass the above value of Etag to If-Match header in the DELETE request to the below URL

```
/api/files/v4.0.a2/config/file-server/mount-targets/9c1e537d-6777-4c22-5d41-ddd0c3337aa9
```

Request headers for the above call would look like this:

```

If-Match:      10
Content-Type:  application/json

```

Etag is required for v4.0.a2 APIs. If this header is not passed or an incorrect value is passed, the request will fail with 412 precondition failed status.

Path parameters

mountTargetExtId (required)

Path Parameter – The {extId} of the mount target. Example:9c1e537d-6777-4c22-5d41-ddd0c3337aa9.

Query parameters

force (optional)

Query Parameter – Force flag to delete the mount target. If set to true, mount target will be deleted even if there are users accessing data from it right now. default: false

Return type

[files.v4.r0.a2.config.DeleteMountTargetApiResponse](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",

```



```

    "value" : false
  } ],
  "messages" : [ {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Task Id returned for the delete mount target request. [files.v4.r0.a2.config.DeleteMountTargetApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.DeleteMountTargetApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.DeleteMountTargetApiResponse](#)

GET /files/v4.0.a2/config/file-server/mount-targets

[Up](#)

List all mount targets ([getAllMountTargets](#))

Get a paginated list of mount targets.

You can use filtering options to manage the results of your query. The `$filter` query parameter provides a flexible way to subset the resources from collections by combining comparison and other functions. There are several kinds of basic predicates and built-in functions for `$filter`, including logical operators and arithmetic operators. For more detailed information, refer to the [OData V4 URL Conventions Document](#). For more information, see [5.1.2 System Query Option \\$filter](#). Following OData filters are supported:

- name
- type

A sample request URL would look like this:

```
/api/files/v4.0.a2/config/file-server/mount-targets?$filter=type eq Schema.Enums.MountTargetType'DISTRIBUTED'
```

Example of supported query parameters for mount targets LIST API:

```

- ?$page=0&$limit=1
- ?$select=name, description
- ?$orderby=name desc
- ?$filter=type eq Schema.Enums.MountTargetType'DISTRIBUTED'
- ?$filter=startswith(name,'test')
- ?$filter=endswith(name,'test')
- ?$filter=contains(name,'nested')
- ?$select=name, description, path&$filter=startswith(name,'test')
- ?$limit=5&$select=name, description, path&$orderby=name desc

```

The `$orderby` query parameter allows specifying attributes on which to sort the returned list of mount targets.

The following parameters support sorting in mount target list API:

- enableCompression
- isEnableCompression
- name
- path
- protocol

- type

A sample request URL would look like this:

```
/api/files/v4.0.a2/config/file-server/mount-targets?$orderby=name desc
```

The \$select query parameter allows specifying attributes which the user wants to fetch in the returned list of mount targets, other attributes will be returned as a null value.

The following attributes can be selected:

- name
- description
- fileServerExtId
- maxSizeGib
- path
- parentMountTargetExtId
- enableCompression
- isEnableCompression
- enablePreviousVersion
- isEnablePreviousVersion
- longnameEnabled
- isLongnameEnabled

Some more examples are given below:

1. Order by name in ascending order

```
/api/files/v4.0.a2/config/file-server/mount-targets?$orderby=name asc
```

2. Select by name

```
/api/files/v4.0.a2/config/file-server/mount-targets?$select=name
```

3. Paginate the returned list

```
/api/files/v4.0.a2/config/file-server/mount-targets?$page=0&$limit=1
```

4. Combination of queries

```
/api/files/v4.0.a2/config/file-server/mount-targets?$limit=5&$select=name, description, path&$orderby=name desc
```

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will be set to its nearest bound. In other words, a page number of less than 0 would be set to 0 and a page number greater than the total available pages would be set to the last page. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 0 and 100. Any number out of this range will be set to the default maximum number of records, which is 100. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. The filter can be applied on the following fields:

- name
- type

\$orderby (optional)

Query Parameter —

A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, 'orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- enableCompression
- isEnableCompression
- name
- path
- protocol
- type

\$select (optional)

Query Parameter —

A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.

- blockedClients
- description
- enableCompression
- enablePreviousVersion
- extId
- fileBlockingExtensions
- fileServerExtId
- isEnableCompression
- isEnablePreviousVersion
- isLongnameEnabled
- links
- longnameEnabled
- maxSizeGib
- multiProtocolProperties
- name
- nfsProperties
- parentMountTargetExtId
- path
- protocol
- secondaryProtocol
- smbProperties/enableAccessBasedEnumeration
- smbProperties/enableCa
- smbProperties/enableSmb3Encryption
- smbProperties/isEnableAccessBasedEnumeration
- smbProperties/isEnableCa

```
<li>smbProperties/isEnableSmb3Encryption</li> <li>state</li> <li>statusType</li> <li>tenantId</li>
<li>type</li> <li>workloadType</li> <li>wormSpec</li> </ul>
```

Return type
[files.v4.r0.a2.config.MountTargetListApiResponse](#)
Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**Paginated list of mount targets. [files.v4.r0.a2.config.MountTargetListApiResponse](#)**4XX**Client error response [files.v4.r0.a2.config.MountTargetListApiResponse](#)**5XX**Server error response [files.v4.r0.a2.config.MountTargetListApiResponse](#)

GET /files/v4.0.a2/config/file-server/mount-targets/{mountTargetExtId}/files ^{Up}

Get the mimetype of files for the given inode genId pair. (**getFileByNodeGenId**)

Query the mimetypes of files of mount target with given external identifier, Inode and genId.

The user has to specify - a valid external identifier (mountTargetExtId) of mount target for which mimetypes of files need to be fetched and a list of Inode and genId pairs (inodeGenIdList) in the path parameter.

Path parameters**mountTargetExtId (required)**

Path Parameter — The {extId} of the mount target. Example:9c1e537d-6777-4c22-5d41-ddd0c3337aa9.

Query parameters**inodeGenIdList (required)**

Query Parameter — List of Inode and genId pairs in the format inode:genId.

Return type[files.v4.r0.a2.config.MimeTypeResponseApiResponse](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**Response for the get mimetype of files. [files.v4.r0.a2.config.MimeTypeResponseApiResponse](#)**4XX**Client error response [files.v4.r0.a2.config.MimeTypeResponseApiResponse](#)**5XX**Server error response [files.v4.r0.a2.config.MimeTypeResponseApiResponse](#)

GET /files/v4.0.a2/config/file-server/mount-targets/{mountTargetExtId}

[Up](#)Get a mount target by extId (**getMountTargetByUuid**)

Get the mount target with the given external identifier.

The user has to specify - a valid external identifier (mountTargetExtId) of the mount target to be fetched.

Etag

Etag is used to cache unchanged resources. When making a GET call to the above resource, If-None-Match header can be passed as shown in the example below.

```
If-None-Match: 9
Content-Type: application/json
```

The server compares the above Etag (sent with If-None-Match) with the Etag for its current version of the resource, and if both values match (that is, the resource has not changed), the server sends back a 304 Not Modified status, without a body. This tells the user that the cached version of the response is still good to use (fresh). If it doesn't match, it will send the response body of the latest resource with the updated value of Etag in the response headers as below:

```
Etag: 10
Ntnx-Request-Id: fc6f929a-3ece-41d3-5a49-dd35f2610530
Content-Type: application/json
```

If this header is not passed, the server will send the full payload with the latest etag value in response headers.

Path parameters

mountTargetExtId (required)

Path Parameter — The {extId} of the mount target. Example:9c1e537d-6777-4c22-5d41-ddd0c3337aa9.

Return type

[files.v4.r0.a2.config.MountTargetApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Details of the requested mount target. [files.v4.r0.a2.config.MountTargetApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.MountTargetApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.MountTargetApiResponse](#)

PUT /files/v4.0.a2/config/file-server/mount-targets/{mountTargetExtId}

[Up](#)

Update a mount target (updateMountTargets)

Update a mount target with the given external identifier using the provided request body.

The user has to specify - a valid external identifier (mountTargetExtId) of the mount target to be updated. They also need to provide a request body for performing the update.

A sample request body would look like this:

```
{
  "protocol": "NFS",
  "name": "sharetest",
  "maxSizeGib": 1,
  "extId": "9c1e537d-6777-4c22-5d41-ddd0c3337aa9",
}
```

```

    "enableCompression": true,
    "secondaryProtocol": [
      "NONE"
    ],
    "nfsProperties": {
      "authenticationType": "SYSTEM",
      "clientAccessType": {
        "defaultAccessType": "READ_WRITE"
      }
    },
    "type": "GENERAL",
    "description": "share"
  }
}

```

It is always recommended to do a GET on a resource before doing an UPDATE.

How to use Etag

For performing an update, the user needs an Etag value which is returned as a part of the response headers for the get operation.

A sample GET request url to get etag value would look like this:

```
/api/files/v4.0.a2/config/file-server/mount-targets/9c1e537d-6777-4c22-5d41-ddd0c3337aa9
```

Response headers for the above call would look like this:

```

Etag:          10
Ntnx-Request-Id: fc6f929a-3ece-41d3-5a49-dd35f2610530
Content-Type:   application/json

```

The user needs to pass the above value of Etag to If-Match header in the PUT request to the below URL

```
/api/files/v4.0.a2/config/file-server/mount-targets/9c1e537d-6777-4c22-5d41-ddd0c3337aa9
```

Request headers for the above call would look like this:

```

If-Match:      10
Content-Type:   application/json

```

Etag is required for v4.0.a2 APIs. If this header is not passed or an incorrect value is passed, the request will fail with 412 precondition failed status.

Path parameters

mountTargetExtId (required)

Path Parameter – The {extId} of the mount target. Example:9c1e537d-6777-4c22-5d41-ddd0c3337aa9.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [files.v4.r0.a2.config.MountTarget](#) (required)

Body Parameter – Mount target model

Return type

[files.v4.r0.a2.config.UpdateMountTargetApiResponse](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ]
  }
}

```

```

    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Task Id returned for the update mount target request. [files.v4.r0.a2.config.UpdateMountTargetApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.UpdateMountTargetApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.UpdateMountTargetApiResponse](#)

NameServices

POST /files/v4.0.a2/config/file-server/\$actions/configure-name-services

[Up](#)

Configure file server name services ([configureNameServicesByFileServer](#))

Configure/Unconfigure name services of a file server.

This helps in configuring and un-configuring name services of a file server for different protocols.

A sample request body would look like this:

```

{
  "adDomain": {
    "username": "ADUserName",
    "password": "password",
    "addUserAsFsAdmin": false,
    "domainName": "child4.xyz.minerva.com",
    "protocolType": "SMB",
    "overwriteUserAccount": true,
    "preferredDomainController": "phxengminpd3.child4.xyz.minerva.com"
  },
  "ldapDomain": {
    "protocolType": "NFS",
    "binddn": "",
    "base": "dc=ldaps,dc=afs,dc=minerva,dc=com",
    "uri": "ldap://10.51.38.36"
  },
  "nfsVersion": "NFSV3V4"
}

```

It is always recommended to do a GET on a resource before doing an UPDATE.

How to pass Etag

For performing an update, the user needs an Etag value which is returned as a part of the response headers for the get operation.

A sample GET request url to get etag value would look like this:

/api/files/v4.0.a2/config/file-server/\$actions/configure-name-services

Response headers for the above call would look like this:

```

Etag: 10
Ntnx-Request-Id: fc6f929a-3ece-41d3-5a49-dd35f2610530
Content-Type: application/json

```

The user needs to pass the above value of Etag to If-Match header in the PUT request to the below URL

/api/files/v4.0.a2/config/file-server/\$actions/configure-name-services

Request headers for the above call would look like this:

```
If-Match:      10
Content-Type:  application/json
```

Etag is required for v4.0.a2 APIs. If this header is not passed or an incorrect value is passed, the request will fail with 412 precondition failed status.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [files.v4.r0.a2.config.NameServiceSpec](#) (required)
Body Parameter – Configure the name services model

Return type

[files.v4.r0.a2.config.ConfigureNameServiceApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

ExtId of the task corresponding to the configured name service. [files.v4.r0.a2.config.ConfigureNameServiceApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.ConfigureNameServiceApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.ConfigureNameServiceApiResponse](#)

GET /files/v4.0.a2/config/file-server/name-services

[Up](#)

Name services by file server ([getNameServicesByFileServer](#))

Get name services configured for a file server.

The response contains information of various name services configured on a file server like `adDomain`, `ldapDomain`, `localDomain`, `nfsVersion`.

Etag

Etag is used to cache unchanged resources. When making a GET call to the above resource, `If-None-Match` header can be passed as shown in the example below.

```
If-None-Match: 9
Content-Type: application/json
```

The server compares the above Etag (sent with `If-None-Match`) with the Etag for its current version of the resource, and if both values match (that is, the resource has not changed), the server sends back a 304 Not Modified status, without a body. This tells the user that the cached version of the response is still good to use (fresh). If it doesn't match, it will send the response body of the latest resource with the updated value of Etag in the response headers as below:

```
Etag: 10
Ntnx-Request-Id: fc6f929a-3ece-41d3-5a49-dd35f2610530
Content-Type: application/json
```

If this header is not passed, the server will send the full payload with the latest etag value in response headers.

Return type

[files.v4.r0.a2.config.NameServicesApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Details of the requested name services of a file server [files.v4.r0.a2.config.NameServicesApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.NameServicesApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.NameServicesApiResponse](#)

Networks

POST /files/v4.0.a2/config/file-server/networks

Create a network (createNetwork)

Creates a new network using the provided request body.

The users need to specify only the networkExtId of the nvm network, for the managed network. For the unmanaged networks user can provide defaultGateway, ipAddresses, virtualIpAddress, subnetMask, vlanId.

A sample request body would look like this:

```
{
  "defaultGateway": {
    "ipv4": {
      "value": "10.53.80.1"
    }
  },
  "ipAddresses": {
    "ipv4": {
      "value": "10.53.73.42"
    }
  },
  "virtualIpAddress": {
    "ipv4": {
      "value": ""
    }
  },
  "subnetMask": {
    "ipv4": {
      "value": "255.255.240.0"
    }
  },
  "networkExtId": "8064cae7-13c6-4cc9-be63-021dec2448ac",
  "vlanId": 0,
  "extId": "bb64cae7-13c6-4cc9-be63-021dec2448bb"
}
```

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [files.v4.r0.a2.config.Network](#) (required)

Body Parameter — A model that represents the file server network resources.

Return type

[files.v4.r0.a2.config.CreateNetworkApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    } ]
  }
}
```

```

    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**

ExtId of the task corresponding to the file server network create request. [files.v4.r0.a2.config.CreateNetworkApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.CreateNetworkApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.CreateNetworkApiResponse](#)

DELETE /files/v4.0.a2/config/file-server/networks/{extId}

[Up](#)

Delete a network (**deleteNetwork**)

Delete the file server network with the given external identifier.

The user has to specify - a valid external identifier (extId) of the network to be deleted.

Path parameters

extId (required)

Path Parameter — The extId of the file server network.

Return type

[files.v4.r0.a2.config.DeleteNetworkApiResponse](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

ExtId of the task corresponding to the file server network delete request. [files.v4.r0.a2.config.DeleteNetworkApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.DeleteNetworkApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.DeleteNetworkApiResponse](#)

GET /files/v4.0.a2/config/file-server/networks/{extId}

[Up](#)

Get network by extId (**getNetworkByExtId**)

Get the file server network with the given external identifier.

The user has to specify - a valid external identifier (extId) of the network to be fetched.

Path parameters

extId (required)

Path Parameter — The extId of the file server network.

Return type

[files.v4.r0.a2.config.NetworkGetByExtIdApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Details of the requested file server network. [files.v4.r0.a2.config.NetworkGetByExtIdApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.NetworkGetByExtIdApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.NetworkGetByExtIdApiResponse](#)[Up](#)

GET /files/v4.0.a2/config/file-server/networks

Get networks (**getNetworks**)

Get a paginated list of file server external networks.

You can use filtering options to manage the results of your query. The `$filter` query parameter provides a flexible way to subset the resources from collections by combining comparison and other functions. There are several kinds of basic predicates and built-in functions for `$filter`, including logical operators and arithmetic operators. For more detailed information, refer to the [OData V4 URL Conventions Document](#). For more information, see [5.1.2 System Query Option \\$filter](#). Following OData filters are supported:

- networkExtId
- vlanId
- virtualIpAddress
- virtualNetworkName
- subnetMask
- defaultGateway
- ipv6PrefixLength
- isManaged

A sample call would look like this:

```
/api/files/v4.0.a2/config/file-server/networks?$filter=vlanId gt 10
```

Example of supported query parameters for the file server network list API:

- `?$page=0&$limit=1`
- `?$select=vlanId`
- `?$filter=vlanId gt 10`
- `?$orderby=virtualNetworkName desc`
- `?$limit=5&$select=vlanId`
- `?$limit=5&$select=virtualNetworkName &$orderby=virtualNetworkName desc`

The `$orderby` query parameter allows specifying attributes on which to sort the returned list of networks

The following parameters support sorting in the file server network list:

- virtualNetworkName
- isManaged
- vlanId

A sample call would look like this:

```
/api/files/v4.0.a2/config/file-server/network?$orderby=virtualNetworkName desc
```

The `$select` query parameter allows specifying attributes which the user wants to fetch in the returned list of networks, other attributes will be returned as a null value.

The following attributes can be selected:

- virtualNetworkName
- isManaged
- vlanId

Some more examples are given below:

1. Filter by virtualNetworkName:

```
/api/files/v4.0.a2/config/file-server/network?$filter=contains(virtualNetworkName, 'something')
OR
/api/files/v4.0.a2/config/file-server/network?$filter=virtualNetworkName eq 'something'
```

2. Order by virtualNetworkName in ascending order

```
/api/files/v4.0.a2/config/file-server/network?$orderby=virtualNetworkName asc
```

3. Order by virtualNetworkName in descending order

```
/api/files/v4.0.a2/config/file-server/network?$orderby=virtualNetworkName desc
```

4. Select by virtualNetworkName

```
/api/files/v4.0.a2/config/file-server/network?$select=virtualNetworkName
```

5. Paginate the returned network list

```
/api/files/v4.0.a2/config/file-server/network?$page=0&$limit=1
```

7. Combination of queries

```
/api/files/v4.0.a2/config/file-server/network?$limit=5&$select=virtualNetworkName, vlanId &$orderby=virtualNetworkName desc
```

If the user doesn't specify any search query parameters, a list of all external networks will be returned.

Query parameters

\$filter (optional)

Query Parameter — <p>A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. The filter can be applied on the following fields:</p> isManaged virtualNetworkName vlanId

\$orderby (optional)

Query Parameter — <p>A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, 'orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:</p> isManaged virtualNetworkName vlanId

\$select (optional)

Query Parameter — <p>A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.</p> defaultGateway/ipv4/prefixLength defaultGateway/ipv4/value defaultGateway/ipv6/prefixLength defaultGateway/ipv6/value extId ipAddresses ipv6PrefixLength isManaged links networkExtId subnetMask/ipv4/prefixLength subnetMask/ipv4/value subnetMask/ipv6/prefixLength subnetMask/ipv6/value tenantId virtualIpAddress/ipv4/prefixLength virtualIpAddress/ipv4/value virtualIpAddress/ipv6/prefixLength virtualIpAddress/ipv6/value virtualNetworkName vlanId

Return type

[files.v4.r0.a2.config.NetworkListApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults" : 0,
    "flags": [ {
      "name": "name",
      "value" : false
    }, {
      "name": "name",
      "value" : false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    }, {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    } ],
    "links": [ {
      "rel": "rel",
      "href": "href"
    }, {
      "rel": "rel",
      "href": "href"
    } ],
    "extraInfo": [ {
      "name": "name",
      "value": ""
    }, {
      "name": "name",
      "value": ""
    } ]
  },
  "data": ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**List of the file server external networks. [files.v4.r0.a2.config.NetworkListApiResponse](#)**4XX**Client error response [files.v4.r0.a2.config.NetworkListApiResponse](#)**5XX**Server error response [files.v4.r0.a2.config.NetworkListApiResponse](#)

QuotaPolicies

POST /files/v4.0.a2/config/file-server/mount-targets/{mountTargetExtId}/quota-policy [Up](#)**Create a quota policy (createQuotaPolicy)**

Create a quota policy using the provided request body.

The user has to specify - a valid external identifier (extId) of the mount target for which quota policy needs to be created. They can specify enforcementType, principalValue, principalType, enforcementType as part of request body.

A sample request body would look like this:

```
{
  "enableNotifications": true,
  "sizeInBytes": 1073741800,
  "enforcementType": "SOFT",
  "principalValue": "administrator",
  "mountTargetExtId": "9c1e537d-6777-4c22-5d41-ddd0c3337aa9",
  "principalType": "USER",
  "notificationRecipients": [
    "tempemail@test.com"
  ]
}
```

Path parameters**mountTargetExtId (required)***Path Parameter* — The {extId} of the mount target. Example:9c1e537d-6777-4c22-5d41-ddd0c3337aa9.**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/json

Request bodybody [files.v4.r0.a2.config.QuotaPolicy](#) (required)*Body Parameter* — Quota policy model.**Return type**[files.v4.r0.a2.config.CreateQuotaPolicyApiResponse](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ]
  }
}
```

```

    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Task Id returned for the create quota policy request. [files.v4.r0.a2.config.CreateQuotaPolicyApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.CreateQuotaPolicyApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.CreateQuotaPolicyApiResponse](#)

DELETE /files/v4.0.a2/config/file-server/mount-targets/{mountTargetExtId}/quota-^{Up}

Delete a quota policy (**deleteQuotaPolicy**)

Delete a quota policy with the provided extId.

The user has to specify - a valid external identifier (extId) of the of the mount target to which quota policy belongs to and a valid external identifier (extId) of the quota policy to be deleted.

How to pass Etag

For performing delete, the user needs an Etag value which is returned as a part of the response headers for the get operation.

A sample GET request url to get etag value would look like this:

```
/api/files/v4.0.a2/config/file-server/mount-targets/9c1e537d-6777-4c22-5d41-ddd0c3337aa9/quota-policies/48f78959-14a6-4c47-b5db-9204
```

Response headers for the above call would look like this:

```

Etag:          10
Ntnx-Request-Id: f6c6f929a-3ece-41d3-5a49-dd35f2610530
Content-Type:   application/json

```

The user needs to pass the above value of Etag to If-Match header in the DELETE request to the below URL

```
/api/files/v4.0.a2/config/file-server/mount-targets/9c1e537d-6777-4c22-5d41-ddd0c3337aa9/quota-policies/48f78959-14a6-4c47-b5db-9204
```

Request headers for the above call would look like this:

```

If-Match:      10
Content-Type:   application/json

```

Etag is required for v4.0.a2 APIs. If this header is not passed or an incorrect value is passed, the request will fail with 412 precondition failed status.

Path parameters

mountTargetExtId (required)

Path Parameter – The {extId} of the mount target. Example:9c1e537d-6777-4c22-5d41-ddd0c3337aa9.

quotaPolicyExtId (required)

Path Parameter – Quota policy UUID. Example:48f78959-14a6-4c47-b5db-920460c4b668.

Return type

[files.v4.r0.a2.config.DeleteQuotaPolicyApiResponse](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",

```



```
    "value" : false
  } ],
  "messages" : [ {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Task Id returned for the delete quota policy request. [files.v4.r0.a2.config.DeleteQuotaPolicyApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.DeleteQuotaPolicyApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.DeleteQuotaPolicyApiResponse](#)

GET /files/v4.0.a2/config/file-server/quota-email-config

[Up](#)

Get the quota policy email configuration ([getQuotaEmailConfig](#))

Get the quota policy email configuration.

Return type

[files.v4.r0.a2.config.GetQuotaEmailConfigApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    } ]
  }
}
```

```

    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**Get the quota policy email configuration. [files.v4.r0.a2.config.GetQuotaEmailConfigApiResponse](#)**4XX**Client error response [files.v4.r0.a2.config.GetQuotaEmailConfigApiResponse](#)**5XX**Server error response [files.v4.r0.a2.config.GetQuotaEmailConfigApiResponse](#)

GET /files/v4.0.a2/config/file-server/mount-targets/{mountTargetExtId}/quota-policies

List all quota policies (getQuotaPolicies)

Get a paginated list of quota policies.

You can use filtering options to manage the results of your query. The \$filter query parameter provides a flexible way to subset the resources from collections by combining comparison and other functions. There are several kinds of basic predicates and built-in functions for \$filter, including logical operators and arithmetic operators. For more detailed information, refer to the [OData V4 URL Conventions Document](#). For more information, see [5.1.2 System Query Option \\$filter](#). Following OData filters are supported:

- enforcementType
- principalValue
- sizeInBytes

A sample call would look like this:

```
/api/files/v4.0.a2/config/file-server/mount-targets/9c1e537d-6777-4c22-5d41-ddd0c3337aa9/quota-policies?$filter=enforcementType eq S
```

Example of supported query parameters for nested Quota policy LIST API:

```

- ?$page=0&$limit=1
- ?$select=principalType, principalValue, sizeInBytes
- ?$orderby=enforcementType desc
- ?$filter=enforcementType eq Schema.Enums.EnforcementType'SOFT'
- ?$limit=1&$select=principalType, sizeInBytes&$orderby=enforcementType desc&$filter=enforcementType eq Schema.Enums.EnforcementType

```

The following attributes can be selected:

```

- mountTargetExtId
- principalValue
- sizeInBytes
- enableNotifications
- isEnabledNotifications

```

Some more examples are given below:

1. Order by enforcementType in ascending order

```
/api/files/v4.0.a2/config/file-server/mount-targets/9c1e537d-6777-4c22-5d41-ddd0c3337aa9/quota-policies?$orderby=enforcementType asc
```

2. Order by enforcementType in descending order

```
/api/files/v4.0.a2/config/file-server/mount-targets/9c1e537d-6777-4c22-5d41-ddd0c3337aa9/quota-policies?$orderby=enforcementType des
```

3. Select by principalType

```
/api/files/v4.0.a2/config/file-server/mount-targets/9c1e537d-6777-4c22-5d41-ddd0c3337aa9/quota-policies?$select=principalType
```

4. Select by principalValue

```
/api/files/v4.0.a2/config/file-server/mount-targets/9c1e537d-6777-4c22-5d41-ddd0c3337aa9/quota-policies?$select=principalValue
```

5. Paginate the returned policies list

```
/api/files/v4.0.a2/config/file-server/mount-targets/9c1e537d-6777-4c22-5d41-ddd0c3337aa9/quota-policies?$page=0&$limit=1
```

6. Combination of queries

```
/api/files/v4.0.a2/config/file-server/mount-targets/9c1e537d-6777-4c22-5d41-ddd0c3337aa9/quota-policies?$limit=1&$select=principalTy
```

Path parameters

mountTargetExtId (required)

Path Parameter — The {extId} of the mount target. Example: 9c1e537d-6777-4c22-5d41-ddd0c3337aa9.

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will be set to its nearest bound. In other words, a page number of less than 0 would be set to 0 and a page number greater than the total available pages would be set to the last page. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 0 and 100. Any number out of this range will be set to the default maximum number of records, which is 100. default: 50 format: int32

\$filter (optional)

Query Parameter — <p>A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. The filter can be applied on the following fields:</p> enforcementType principalValue sizeInBytes

\$orderby (optional)

Query Parameter — <p>A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, 'orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:</p> enforcementType principalValue

\$select (optional)

Query Parameter — <p>A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.</p> enableNotifications enforcementType extId isEnabledNotifications links mountTargetExtId notificationRecipients principalType principalValue sizeInBytes tenantId

Return type

[files.v4.r0.a2.config.QuotaPolicyListApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults" : 0,
    "flags": [ {
      "name": "name",
      "value": false
    }, {
      "name": "name",
      "value": false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    }, {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    } ],
    "links": [ {
      "rel": "rel",
      "href": "href"
    }, {
      "rel": "rel",
```

```

    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

List of quota policies queried. [files.v4.r0.a2.config.QuotaPolicyListApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.QuotaPolicyListApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.QuotaPolicyListApiResponse](#)

GET /files/v4.0.a2/config/file-server/mount-targets/{mountTargetExtId}/quota-policy/{quotaPolicyExtId}

Get a quota policy by extId (getQuotaPolicyByExtId)

Get a quota policy with the given external identifier.

The user has to specify - a valid external identifier (extId) of the of the mount target to which quota policy belongs to and a valid external identifier (extId) of the quota policy to be fetched.

Etag

Etag is used to cache unchanged resources. When making a GET call to the above resource, If-None-Match header can be passed as shown in the example below.

```

If-None-Match:      9
Content-Type:       application/json

```

The server compares the above Etag (sent with If-None-Match) with the Etag for its current version of the resource, and if both values match (that is, the resource has not changed), the server sends back a 304 Not Modified status, without a body. This tells the user that the cached version of the response is still good to use (fresh). If it doesn't match, it will send the response body of the latest resource with the updated value of Etag in the response headers as below:

```

Etag:               10
Ntnx-Request-Id:    fc6f929a-3ece-41d3-5a49-dd35f2610530
Content-Type:       application/json

```

If this header is not passed, the server will send the full payload with the latest etag value in response headers.

Path parameters

mountTargetExtId (required)

Path Parameter – The {extId} of the mount target. Example:9c1e537d-6777-4c22-5d41-ddd0c3337aa9.

quotaPolicyExtId (required)

Path Parameter – Quota policy UUID. Example:48f78959-14a6-4c47-b5db-920460c4b668.

Return type

[files.v4.r0.a2.config.QuotaPolicyApiResponse](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {

```

```

    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Get a quota policy for the provided extId. [files.v4.r0.a2.config.QuotaPolicyApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.QuotaPolicyApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.QuotaPolicyApiResponse](#)

PUT /files/v4.0.a2/config/file-server/quota-email-config

[Up](#)

Update the quota policy email configuration ([updateQuotaEmailConfig](#))

Update the quota policy email configuration.

The user has to specify (content) and (subject) to update the quota policy email configuration.

A sample request body would look like this:

```

{
  "content": "Updated email content",
  "subject": "Updated email subject"
}

```

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [files.v4.r0.a2.config.QuotaEmailConfig](#) (required)

Body Parameter – Quota policy email configuration model

Return type

[files.v4.r0.a2.config.UpdateQuotaEmailConfigApiResponse](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",

```

```

    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
}, {
  "data" : ""
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Quota policy email configuration [files.v4.r0.a2.config.UpdateQuotaEmailConfigApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.UpdateQuotaEmailConfigApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.UpdateQuotaEmailConfigApiResponse](#)

PUT /files/v4.0.a2/config/file-server/mount-targets/{mountTargetExtId}/quota-policies/{mountTargetExtId} [Up](#)

Update a quota policy. ([updateQuotaPolicy](#))

Update quota policy.

The user has to specify - a valid external identifier (extId) of the of the mount target to which quota policy belongs to and a valid external identifier (extId) of the quota policy to be updated. They also need to provide a request body for performing the update. They can provide parameters like enableNotifications, sizeInBytes, enforcementType.

A sample request body would look like this:

```

{
  "enableNotifications": false,
  "sizeInBytes": 1073741800,
  "enforcementType": "SOFT",
  "principalValue": "administrator",
  "mountTargetExtId": "9c1e537d-6777-4c22-5d41-ddd0c3337aa9",
  "principalType": "USER"
}

```

It is always recommended to do a GET on a resource before doing an UPDATE.

How to pass Etag

For performing an update, the user needs an Etag value which is returned as a part of the response headers for the get operation.

A sample GET request url to get etag value would look like this:

/api/files/v4.0.a2/config/file-server/mount-targets/9c1e537d-6777-4c22-5d41-ddd0c3337aa9/quota-policies/48f78959-14a6-4c47-b5db-9204

Response headers for the above call would look like this:

```

Etag: 10
Ntnx-Request-Id: fc6f929a-3ece-41d3-5a49-dd35f2610530
Content-Type: application/json

```

The user needs to pass the above value of Etag to If-Match header in the PUT request to the below URL

/api/files/v4.0.a2/config/file-server/mount-targets/9c1e537d-6777-4c22-5d41-ddd0c3337aa9/quota-policies/48f78959-14a6-4c47-b5db-9204

Request headers for the above call would look like this:

If-Match: 10
Content-Type: application/json

Etag is required for v4.0.a2 APIs. If this header is not passed or an incorrect value is passed, the request will fail with 412 precondition failed status.

Path parameters

mountTargetExtId (required)

Path Parameter — The {extId} of the mount target. Example:9c1e537d-6777-4c22-5d41-ddd0c3337aa9.

quotaPolicyExtId (required)

Path Parameter — Quota policy UUID. Example:48f78959-14a6-4c47-b5db-920460c4b668.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [files.v4.r0.a2.config.QuotaPolicy](#) (required)

Body Parameter — Quota policy model.

Return type

[files.v4.r0.a2.config.UpdateQuotaPolicyApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults" : 0,
    "flags": [ {
      "name": "name",
      "value" : false
    }, {
      "name": "name",
      "value" : false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    }, {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    } ],
    "links": [ {
      "rel": "rel",
      "href": "href"
    }, {
      "rel": "rel",
      "href": "href"
    } ],
    "extraInfo": [ {
      "name": "name",
      "value": ""
    }, {
      "name": "name",
      "value": ""
    } ]
  },
  "data": ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Task Id returned for the update quota policy request. [files.v4.r0.a2.config.UpdateQuotaPolicyApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.UpdateQuotaPolicyApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.UpdateQuotaPolicyApiResponse](#)

Snapshots

DELETE /files/v4.0.a2/config/file-server/mount-targets/{mountTargetExtId}/snapshots/{snapshotExtId}

Delete mount target snapshot (**deleteMountTargetSnapshot**)

Delete a mount target snapshot with the given external identifier.

The user has to specify - a valid external identifier (extId) of the mount target to which the snapshot belongs to and a valid external identifier (extId) of the snapshot to be deleted.

Path parameters

mountTargetExtId (required)
Path Parameter — The {extId} of the mount target. Example:9c1e537d-6777-4c22-5d41-ddd0c3337aa9.

snapshotExtId (required)
Path Parameter — The extId of the snapshot. Example:48f78959-14a6-4c47-b5db-920460c4b668

Return type
[files.v4.r0.a2.config.DeleteMountTargetSnapshotApiResponse](#)

Example data
Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses
202
Task Id returned for the delete mount target snapshot request. [files.v4.r0.a2.config.DeleteMountTargetSnapshotApiResponse](#)
4XX
Client error response [files.v4.r0.a2.config.DeleteMountTargetSnapshotApiResponse](#)
5XX
Server error response [files.v4.r0.a2.config.DeleteMountTargetSnapshotApiResponse](#)

GET /files/v4.0.a2/config/file-server/mount-targets/{mountTargetExtId}/snapshots/{snapshotExtId}

Get mount target snapshot for the provided extId (**getMountTargetSnapshotByExtId**)

Get mount target snapshot with the given external identifier.

The user has to specify - a valid external identifier (extId) of the mount target to which the snapshot belongs to and a valid external identifier (extId) of the snapshot to be fetched.

Path parameters

mountTargetExtId (required)

Path Parameter — The {extId} of the mount target. Example:9c1e537d-6777-4c22-5d41-ddd0c3337aa9.

snapshotExtId (required)

Path Parameter — The extId of the snapshot. Example:48f78959-14a6-4c47-b5db-920460c4b668

Return type

[files.v4.r0.a2.config.MountTargetSnapshotApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Details of the queried mount target snapshot. [files.v4.r0.a2.config.MountTargetSnapshotApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.MountTargetSnapshotApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.MountTargetSnapshotApiResponse](#)

GET /files/v4.0.a2/config/file-server/mount-targets/{mountTargetExtId}/snapshot Up

List mount target snapshots (getMountTargetSnapshots)

Get a paginated list of mount target snapshots.

You can use filtering options to manage the results of your query. The \$filter query parameter provides a flexible way to subset the resources from collections by combining comparison and other functions. There are several kinds of basic predicates and built-in functions for \$filter, including logical operators and arithmetic operators. For more detailed information, refer to the [OData V4 URL Conventions Document](#). For more information, see [5.1.2 System Query Option \\$filter](#). Following OData filters are supported:

- name
- creator

A sample request URL would look like this:

```
/api/files/v4.0.a2/config/file-server/mount-targets/9c1e537d-6777-4c22-5d41-ddd0c3337aa9/snapshots?$filter=name eq 'test'
```

Example of supported query parameters for mount target snapshots LIST API:

```
- ?$page=0&$limit=1
- ?$select=name, createTime, totalSpaceBytes
- ?$orderby=totalSpaceBytes asc
- ?$filter=creator eq Schema.Enums.SnapshotCreator.SSR_SNAPSHOT
- ?$filter=startswith(name, 'test')
- ?$filter=endswith(name, 'test')
- ?$filter=contains(name, 'test')
- ?$select=name, creator, totalSpaceBytes&$filter=startswith(name, 'test')
- ?$limit=5&$select=name, totalSpaceBytes&$orderby=totalSpaceBytes asc&$filter=contains(name, 'test')\n
```

The \$orderby query parameter allows specifying attributes on which to sort the returned list of snapshots.

The following parameters support sorting in snapshots API

- createTime
- name
- reclaimableSpaceBytes
- totalSpaceBytes
- creator

A sample call would look like this:

```
/api/files/v4.0.a2/config/file-server/mount-targets/9c1e537d-6777-4c22-5d41-ddd0c3337aa9/snapshots?$orderby=totalSpaceBytes asc
```

The \$select query parameter allows specifying attributes which the user wants to fetch in the returned list of snapshots, other attributes will be returned as a null value.

The following attributes can be selected:

```
- mountTargetExtId
- fileServerExtId
- name
- createTime
- totalSpaceBytes
- reclaimableSpaceBytes
- creator
```

Some more examples are given below:

1. Filter by name:

```
/api/files/v4.0.a2/config/file-server/mount-targets/9c1e537d-6777-4c22-5d41-ddd0c3337aa9/snapshots?$filter=contains(name, 'test')
```

2. Order by totalSpaceBytes in ascending order

```
/api/files/v4.0.a2/config/file-server/mount-targets/9c1e537d-6777-4c22-5d41-ddd0c3337aa9/snapshots?$orderby=totalSpaceBytes asc
```

3. Order by totalSpaceBytes in descending order

```
/api/files/v4.0.a2/config/file-server/mount-targets/9c1e537d-6777-4c22-5d41-ddd0c3337aa9/snapshots?$orderby=totalSpaceBytes desc
```

4. Select by name

```
/api/files/v4.0.a2/config/file-server/mount-targets/9c1e537d-6777-4c22-5d41-ddd0c3337aa9/snapshots?$select=name
```

5. Paginate the results

```
/api/files/v4.0.a2/config/file-server/mount-targets/9c1e537d-6777-4c22-5d41-ddd0c3337aa9/snapshots?$page=0&$limit=1
```

6. Combination of queries

```
/api/files/v4.0.a2/config/file-server/mount-targets/9c1e537d-6777-4c22-5d41-ddd0c3337aa9/snapshots$limit=5&$select=name, totalSpaceB
```

Path parameters

mountTargetExtId (required)

Path Parameter — The {extId} of the mount target. Example:9c1e537d-6777-4c22-5d41-ddd0c3337aa9.

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will be set to its nearest bound. In other words, a page number of less than 0

would be set to 0 and a page number greater than the total available pages would be set to the last page. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 0 and 100. Any number out of this range will be set to the default maximum number of records, which is 100. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. The filter can be applied on the following fields:

- creator
- name

\$orderby (optional)

Query Parameter —

A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, 'orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- createTime
- creator
- name
- reclaimableSpaceBytes
- totalSpaceBytes

\$select (optional)

Query Parameter —

A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.

- createTime
- creator
- extId
- fileServerExtId
- links
- mountTargetExtId
- name
- reclaimableSpaceBytes
- tenantId
- totalSpaceBytes

Return type

[files.v4.r0.a2.config.MountTargetSnapshotListApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

List of mount target snapshots queried [files.v4.r0.a2.config.MountTargetSnapshotListApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.MountTargetSnapshotListApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.MountTargetSnapshotListApiResponse](#)

SsrSnapshotSchedule

POST /files/v4.0.a2/config/file-server/ssr-snapshot-schedules

[Up](#)

Create a SSR snapshot schedule ([createSsrSnapshotSchedule](#))

Creates a new SSR snapshot schedule using the provided request body.

The user needs to specify the `localMaxSnapshots` and `snapshotScheduleType` of the schedule to be created. User can also provide `daysOfWeek`, `daysOfMonth`, `snapshotScheduleFrequency`.

A sample request body would look like this:

```
{
  "snapshotScheduleType": "HOURLY",
  "localMaxSnapshots": 24,
  "snapshotScheduleFrequency": 4
}
```

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [files.v4.r0.a2.config.SsrSnapshotSchedule](#) (required)
Body Parameter — SSR snapshot schedule model

Return type

[files.v4.r0.a2.config.CreateSsrSnapshotScheduleApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

201

Response of create SSR snapshot schedule request. This returns the created SSR snapshot schedule.

[files.v4.r0.a2.config.CreateSsrSnapshotScheduleApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.CreateSsrSnapshotScheduleApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.CreateSsrSnapshotScheduleApiResponse](#)

DELETE /files/v4.0.a2/config/file-server/ssr-snapshot-schedules/{ssrSnapshotScheduleExtId}

Delete SSR snapshot schedule (deleteSsrSnapshotSchedule)

Delete a SSR snapshot schedule with the given external identifier.

The user has to specify - a valid external identifier (extId) of the schedule to be deleted.

How to pass Etag

For performing delete, the user needs an Etag value which is returned as a part of the response headers for the get operation.

A sample GET request url to get etag value would look like this:

```
/api/files/v4.0.a2/config/file-server/ssr-snapshot-schedules/48f78959-14a6-4c47-b5db-920460c4b668
```

Response headers for the above call would look like this:

```
Etag: 10
Ntnx-Request-Id: fc6f929a-3ece-41d3-5a49-dd35f2610530
Content-Type: application/json
```

The user needs to pass the above value of Etag to If-Match header in the DELETE request to the below URL

```
/api/files/v4.0.a2/config/file-server/ssr-snapshot-schedules/48f78959-14a6-4c47-b5db-920460c4b668
```

Request headers for the above call would look like this:

```
If-Match: 10
Content-Type: application/json
```

Etag is required for v4.0.a2 APIs. If this header is not passed or an incorrect value is passed, the request will fail with 412 precondition failed status.

Path parameters

ssrSnapshotScheduleExtId (required)

Path Parameter — SSR snapshot schedule extId. Example:48f78959-14a6-4c47-b5db-920460c4b668

Return type

[files.v4.r0.a2.config.DeleteSsrSnapshotScheduleApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
```

```
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
}, {
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

204

Delete SSR snapshot schedule successful, no content returned. [files.v4.r0.a2.config.DeleteSsrSnapshotScheduleApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.DeleteSsrSnapshotScheduleApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.DeleteSsrSnapshotScheduleApiResponse](#)

GET /files/v4.0.a2/config/file-server/ssr-snapshot-schedules/{ssrSnapshotScheduleId} Up

Get SSR snapshot schedule by extId ([getSsrSnapshotScheduleByExtId](#))

Get a SSR snapshot schedule with the given external identifier.

The user has to specify - a valid external identifier (extId) of the schedule to be fetched.

Etag

Etag is used to cache unchanged resources. When making a GET call to the above resource, If-None-Match header can be passed as shown in the example below.

```
If-None-Match: 9
Content-Type: application/json
```

The server compares the above Etag (sent with If-None-Match) with the Etag for its current version of the resource, and if both values match (that is, the resource has not changed), the server sends back a 304 Not Modified status, without a body. This tells the user that the cached version of the response is still good to use (fresh). If it doesn't match, it will send the response body of the latest resource with the updated value of Etag in the response headers as below:

```
Etag: 10
Ntnx-Request-Id: fc6f929a-3ece-41d3-5a49-dd35f2610530
Content-Type: application/json
```

If this header is not passed, the server will send the full payload with the latest etag value in response headers.

Path parameters

ssrSnapshotScheduleExtId (required)

Path Parameter — SSR snapshot schedule extId. Example:48f78959-14a6-4c47-b5db-920460c4b668

Return type

[files.v4.r0.a2.config.SsrSnapshotScheduleApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
```

```

    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Details of the queried SSR snapshot schedule [files.v4.r0.a2.config.SsrSnapshotScheduleApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.SsrSnapshotScheduleApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.SsrSnapshotScheduleApiResponse](#)

GET /files/v4.0.a2/config/file-server/ssr-snapshot-schedules

[Up](#)

List SSR snapshot schedules (getSsrSnapshotSchedules)

Get a paginated list of SSR snapshot schedules.

You can use filtering options to manage the results of your query. The \$filter query parameter provides a flexible way to subset the resources from collections by combining comparison and other functions. There are several kinds of basic predicates and built-in functions for \$filter, including logical operators and arithmetic operators. For more detailed information, refer to the [OData V4 URL Conventions Document](#). For more information, see [5.1.2 System Query Option \\$filter](#). Following OData filters are supported:

- localMaxSnapshots
- snapshotScheduleType

A sample request URL would look like this:

```
/files/v4.0.a2/config/file-server/ssr-snapshot-schedules?$filter=snapshotScheduleType eq Schema.Enums.SnapshotScheduleType'WEEKLY'
```

Example of supported query parameters for SSR snapshot schedules LIST API:

```

- ?$page=0&$limit=1
- ?$select=snapshotScheduleType, localMaxSnapshots
- ?$orderby=localMaxSnapshots desc
- ?$filter=snapshotScheduleType eq Schema.Enums.SnapshotScheduleType'WEEKLY'
- ?$filter=localMaxSnapshots eq 4
- ?$filter=localMaxSnapshots ne 4
- ?$select=snapshotScheduleType, localMaxSnapshots&$filter=localMaxSnapshots ne 4
- ?$limit=5&$select=snapshotScheduleType, localMaxSnapshots&$orderby=snapshotScheduleType desc

```

The \$orderby query parameter allows specifying attributes on which to sort the returned list of SSR snapshot schedules.

The following parameters support sorting in SSR snapshot schedule list API:

- localMaxSnapshots
- snapshotScheduleType

A sample request URL would look like this:

```
/files/v4.0.a2/config/file-server/ssr-snapshot-schedules?$orderby=name desc
```

The \$select query parameter allows specifying attributes which the user wants to fetch in the returned list of SSR snapshot schedules, other attributes will be returned as a null value.

The following attributes can be selected:

- localMaxSnapshots

– snapshotScheduleType

Some more examples are given below:

1. Order by name in ascending order

```
/files/v4.0.a2/config/file-server/ssr-snapshot-schedules?$orderby=localMaxSnapshots asc
```

2. Select by snapshotScheduleType

```
/files/v4.0.a2/config/file-server/ssr-snapshot-schedules?$select=snapshotScheduleType
```

3. Paginate the returned list

```
/files/v4.0.a2/config/file-server/ssr-snapshot-schedules?$page=0&$limit=1
```

4. Combination of queries

```
/files/v4.0.a2/config/file-server/ssr-snapshot-schedules?$limit=5&$select=snapshotScheduleType, localMaxSnapshots&$orderby=localMaxS
```

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will be set to its nearest bound. In other words, a page number of less than 0 would be set to 0 and a page number greater than the total available pages would be set to the last page. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 0 and 100. Any number out of this range will be set to the default maximum number of records, which is 100. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. The filter can be applied on the following fields:

- localMaxSnapshots
- snapshotScheduleType

\$orderby (optional)

Query Parameter —

A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, 'orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- localMaxSnapshots
- snapshotScheduleType

\$select (optional)

Query Parameter —

A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.

- daysOfMonth
- daysOfWeek
- extId
- links
- localMaxSnapshots
- snapshotScheduleFrequency
- snapshotScheduleType
- tenantId

Return type

[files.v4.r0.a2.config.SsrSnapshotScheduleListApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults": 0,
    "flags": [ {
      "name": "name",
      "value": false
    }, {
      "name": "name",
      "value": false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    }, {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    } ]
  }
}
```



```

    }, {
      "links" : [ {
        "rel" : "rel",
        "href" : "href"
      }, {
        "rel" : "rel",
        "href" : "href"
      } ],
      "extraInfo" : [ {
        "name" : "name",
        "value" : ""
      }, {
        "name" : "name",
        "value" : ""
      } ]
    },
    "data" : ""
  }
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

SSR snapshot schedule list [files.v4.r0.a2.config.SsrSnapshotScheduleListApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.SsrSnapshotScheduleListApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.SsrSnapshotScheduleListApiResponse](#)

PUT /files/v4.0.a2/config/file-server/ssr-snapshot-schedules/{ssrSnapshotScheduleExtId}

Update SSR snapshot schedule (updateSsrSnapshotSchedule)

Update a SSR snapshot schedule with the given external identifier using the provided request body.

The user has to specify - a valid external identifier (extId) of the schedule to be updated. They also need to provide a request body for performing the update. They can provide an updated value of snapshotScheduleFrequency, snapshotScheduleType and localMaxSnapshots.

A sample request body would look like this:

```

{
  "snapshotScheduleType": "HOURLY",
  "localMaxSnapshots": 24,
  "snapshotScheduleFrequency": 6
}

```

It is always recommended to do a GET on a resource before doing an UPDATE.

How to pass Etag

For performing an update, the user needs an Etag value which is returned as a part of the response headers for the get operation.

A sample GET request url to get etag value would look like this:

```
/api/files/v4.0.a2/config/file-server/ssr-snapshot-schedules/48f78959-14a6-4c47-b5db-920460c4b668
```

Response headers for the above call would look like this:

```

Etag: 10
Ntnx-Request-Id: fc6f929a-3ece-41d3-5a49-dd35f2610530
Content-Type: application/json

```

The user needs to pass the above value of Etag to If-Match header in the PUT request to the below URL

```
/api/files/v4.0.a2/config/file-server/ssr-snapshot-schedules/48f78959-14a6-4c47-b5db-920460c4b668
```

Request headers for the above call would look like this:

```

If-Match: 10
Content-Type: application/json

```

Etag is required for v4.0.a2 APIs. If this header is not passed or an incorrect value is passed, the request will fail with 412 precondition failed status.

Path parameters

ssrSnapshotScheduleExtId (required)

Path Parameter – SSR snapshot schedule extId. Example:48f78959-14a6-4c47-b5db-920460c4b668

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [files.v4.r0.a2.config.SsrSnapshotSchedule](#) (required)
Body Parameter – SSR snapshot schedule model

Return type

[files.v4.r0.a2.config.UpdateSsrSnapshotScheduleApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Response of update SSR snapshot schedule request. This returns the updated SSR snapshot schedule.

[files.v4.r0.a2.config.UpdateSsrSnapshotScheduleApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.UpdateSsrSnapshotScheduleApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.UpdateSsrSnapshotScheduleApiResponse](#)

Tier

POST /files/v4.0.a2/config/file-server/tier-config

[Up](#)

Create the tiering configuration. (**createTieringConfig**)

Create the tiering configuration using the provided request body.

The user needs to specify capacityThreshold in percentage. Tiering will only happen if the memory has exceeded the capacity threshold. Users can specify schedule for each day of the week, auto tiering can happen at that specified time.

A sample request body would look like this:

```

{
  "capacityThreshold": 50,
  "schedule": [
    {
      "dayOfWeek": 1,
      "schedules" :[
        {
          "startTimeHours": 10,
          "startTimeMinutes": 10,
          "durationMinutes": 100
        }
      ]
    },
    {
      "dayOfWeek": 2,
      "schedules" :[
        {
          "startTimeHours": 11,
          "startTimeMinutes": 10,
          "durationMinutes": 120
        }
      ]
    },
    {
      "dayOfWeek": 3,
      "schedules" :[
        {
          "startTimeHours": 23,
          "startTimeMinutes": 10,
          "durationMinutes": 100
        }
      ]
    },
    {
      "dayOfWeek": 4,
      "schedules" :[
        {
          "startTimeHours": 10,
          "startTimeMinutes": 10,
          "durationMinutes": 100
        }
      ]
    },
    {
      "dayOfWeek": 5,
      "schedules" :[
        {
          "startTimeHours": 10,
          "startTimeMinutes": 10,
          "durationMinutes": 100
        }
      ]
    },
    {
      "dayOfWeek": 6,
      "schedules" :[
        {
          "startTimeHours": 10,
          "startTimeMinutes": 10,
          "durationMinutes": 100
        }
      ]
    },
    {
      "dayOfWeek": 7,
      "schedules" :[
        {
          "startTimeHours": 10,
          "startTimeMinutes": 10,
          "durationMinutes": 100
        }
      ]
    }
  ]
}

```

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [files.v4.r0.a2.config.TieringConfig](#) (required)
Body Parameter — Tiering configuration model

Return type

[files.v4.r0.a2.config.CreateTieringConfigApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

201

Response of the tiering configuration create request. [files.v4.r0.a2.config.CreateTieringConfigApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.CreateTieringConfigApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.CreateTieringConfigApiResponse](#)

POST /files/v4.0.a2/config/file-server/tier-policies

[Up](#)**Create a tiering policy. (createTieringPolicy)**

Create the tiering policy using the provided request body.

User can specify list of shares, cool-off periods, minimum file size. This will decide the list of files which will be identified for tiering.

A sample request body would look like this:

```
{
  "isIncludeFutureShares": true,
  "extId": "234ee9c2-8f08-4276-9b4c-a084cd592111",
  "mountTargetExtIds": [
    "d89ee9c2-8f08-4276-9b4c-a084cd59271b",
    "2e9fe9c1-9d08-6251-4b4c-9271ba084cd5"
  ],
  "cooloffPeriodInSeconds": 86400,
  "minimumFileSizeInBytes": 70000
}
```

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [files.v4.r0.a2.config.TieringPolicy](#) (required)
Body Parameter – Tiering policy model

Return type

[files.v4.r0.a2.config.CreateTieringPolicyApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Create tiering policy response. [files.v4.r0.a2.config.CreateTieringPolicyApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.CreateTieringPolicyApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.CreateTieringPolicyApiResponse](#)

DELETE /files/v4.0.a2/config/file-server/tier-config/{extId}

[Up](#)

Delete the tiering configuration. (**deleteTieringConfig**)

Delete the tiering configuration with the given external identifier.

The user has to specify - a valid external identifier (extId) of the configuration to be deleted. After deletion auto tiering will be disabled.

How to use Etag

For performing delete, the user needs an Etag value which is returned as a part of the response headers for the get operation.

A sample GET request url to get etag value would look like this:

/api/files/v4.0.a2/config/file-server/tier-config/bb118c5e-bfe7-4cfd-a363-c3717983fb75

Response headers for the above call would look like this:

Etag: 10
 Ntnx-Request-Id: fc6f929a-3ece-41d3-5a49-dd35f2610530
 Content-Type: application/json

The user needs to pass the above value of Etag to If-Match header in the DELETE request to the below URL

/api/files/v4.0.a2/config/file-server/tier-config/bb118c5e-bfe7-4cfd-a363-c3717983fb75

Request headers for the above call would look like this:

If-Match: 10
 Content-Type: application/json

Etag is required for v4.0.a2 APIs. If this header is not passed or an incorrect value is passed, the request will fail with 412 precondition failed status

Path parameters

extId (required)
Path Parameter — Tiering config extId.

Return type

[files.v4.r0.a2.config.DeleteTieringConfigApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults" : 0,
    "flags": [ {
      "name": "name",
      "value": false
    }, {
      "name": "name",
      "value": false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    }, {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    } ],
    "links": [ {
      "rel": "rel",
      "href": "href"
    }, {
      "rel": "rel",
      "href": "href"
    } ],
    "extraInfo": [ {
      "name": "name",
      "value": ""
    }, {
      "name": "name",
      "value": ""
    } ]
  },
  "data": ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

204

Response of the delete tiering configuration request. [files.v4.r0.a2.config.DeleteTieringConfigApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.DeleteTieringConfigApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.DeleteTieringConfigApiResponse](#)

DELETE /files/v4.0.a2/config/file-server/tier-policies/{extId}

Delete a tiering policy (**deleteTieringPolicy**)

Delete the tiering policy identified with the given external identifier.

The user has to specify - a valid external identifier (extId) of the policy to be deleted.

How to use Etag

For performing delete, the user needs an Etag value which is returned as a part of the response headers for the get operation.

A sample GET request url to get etag value would look like this:

```
/api/files/v4.0.a2/config/file-server/tier-policies/bb118c5e-bfe7-4cfd-a363-c3717983fb75
```

Response headers for the above call would look like this:

```
Etag: 10
Ntnx-Request-Id: f66f929a-3ece-41d3-5a49-dd35f2610530
Content-Type: application/json
```

The user needs to pass the above value of Etag to If-Match header in the DELETE request to the below URL

```
/api/files/v4.0.a2/config/file-server/tier-policies/bb118c5e-bfe7-4cfd-a363-c3717983fb75
```

Request headers for the above call would look like this:

```
If-Match: 10
Content-Type: application/json
```

Etag is required for v4.0.a2 APIs. If this header is not passed or an incorrect value is passed, the request will fail with 412 precondition failed status.

Path parameters

extId (required)

Path Parameter — Tiering policy extId.

Return type

[files.v4.r0.a2.config.DeleteTieringPolicyApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  }
```

```

    "data" : ""
  }

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Response of the delete tiering policy identified by {extId}. [files.v4.r0.a2.config.DeleteTieringPolicyApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.DeleteTieringPolicyApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.DeleteTieringPolicyApiResponse](#)

GET /files/v4.0.a2/config/file-server/object-store/profiles/{profileExtId} [Up](#)

Get object store profile (getObjectStoreProfile)

Get a single object store profile for the provided external identifier.

The user has to specify - a valid external identifier (profileExtId) of the object store profile to be fetched.

Etag

Etag is used to cache unchanged resources. When making a GET call to the above resource, If-None-Match header can be passed as shown in the example below.

```

If-None-Match:      9
Content-Type:       application/json

```

If this header is not passed, the server will send the full payload with the latest etag value in response headers.

Path parameters

profileExtId (required)

Path Parameter – UUID of the tiering object store

Return type

[files.v4.r0.a2.config.GetObjectStoreApiResponse](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },

```



```
"data" : ""  
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Object store profile specification. [files.v4.r0.a2.config.GetObjectStoreApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.GetObjectStoreApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.GetObjectStoreApiResponse](#)

GET /files/v4.0.a2/config/file-server/tier-config/{extId}

[Up](#)

Get the tiering configuration. (**getTieringConfig**)

Get tiering configuration with the given external identifier.

The user has to specify - a valid external identifier (extId) of the configuration to be fetched.

Etag

Etag is used to cache unchanged resources. When making a GET call to the above resource, If-None-Match header can be passed as shown in the example below.

```
If-None-Match: 9  
Content-Type: application/json
```

The server compares the above Etag (sent with If-None-Match) with the Etag for its current version of the resource, and if both values match (that is, the resource has not changed), the server sends back a 304 Not Modified status, without a body. This tells the user that the cached version of the response is still good to use (fresh). If it doesn't match, it will send the response body of the latest resource with the updated value of Etag in the response headers as below:

```
Etag: 10  
Ntnx-Request-Id: fc6f929a-3ece-41d3-5a49-dd35f2610530  
Content-Type: application/json
```

If this header is not passed, the server will send the full payload with the latest etag value in response headers.

Path parameters

extId (required)

Path Parameter – Tiering config extId.

Return type

[files.v4.r0.a2.config.GetTieringConfigApiResponse](#)

Example data

Content-Type: application/json

```
{  
  "metadata" : {  
    "totalAvailableResults" : 0,  
    "flags" : [ {  
      "name" : "name",  
      "value" : false  
    }, {  
      "name" : "name",  
      "value" : false  
    } ],  
    "messages" : [ {  
      "severity" : "$UNKNOWN",  
      "code" : "code",  
      "message" : "message",  
      "locale" : "en_US"  
    }, {  
      "severity" : "$UNKNOWN",  
      "code" : "code",  
      "message" : "message",  
      "locale" : "en_US"  
    } ],  
    "links" : [ {  
      "rel" : "rel",  
      "href" : "href"  
    }, {  
      "rel" : "rel",  
      "href" : "href"  
    } ],  
    "extraInfo" : [ {
```

```

    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**Details of the tiering configuration. [files.v4.r0.a2.config.GetTieringConfigApiResponse](#)**4XX**Client error response [files.v4.r0.a2.config.GetTieringConfigApiResponse](#)**5XX**Server error response [files.v4.r0.a2.config.GetTieringConfigApiResponse](#)

GET /files/v4.0.a2/config/file-server/tier-config

[Up](#)Get list of the tiering configuration. ([getTieringConfigList](#))

Get list of the tiering configuration.

Query parameters**\$page (optional)**

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will be set to its nearest bound. In other words, a page number of less than 0 would be set to 0 and a page number greater than the total available pages would be set to the last page. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 0 and 100. Any number out of this range will be set to the default maximum number of records, which is 100. default: 50 format: int32

Return type[files.v4.r0.a2.config.GetTieringConfigListApiResponse](#)**Example data**

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {

```

```

    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Details of all the tiering configuration. [files.v4.r0.a2.config.GetTieringConfigListApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.GetTieringConfigListApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.GetTieringConfigListApiResponse](#)

GET /files/v4.0.a2/config/file-server/tier-policies

[Up](#)

List tiering policies (getTieringPolicies)

Get a paginated list of the tiering policies.

You can use filtering options to manage the results of your query. The `$filter` query parameter provides a flexible way to subset the resources from collections by combining comparison and other functions. There are several kinds of basic predicates and built-in functions for `$filter`, including logical operators and arithmetic operators. For more detailed information, refer to the [OData V4 URL Conventions Document](#). For more information, see [5.1.2 System Query Option \\$filter](#). Following OData filters are supported:

- cooloffPeriodInSeconds
- minimumFileSizeInBytes
- isIncludeFutureShares

Example of supported query parameters for the tiering policy list API:

```

- ?$page=0&$limit=1
- ?$select=cooloffPeriodInSeconds, minimumFileSizeInBytes
- ?$limit=5&$select=cooloffPeriodInSeconds, minimumFileSizeInBytes
- ?$filter=cooloffPeriodInSeconds gt 50000
- ?$orderby=minimumFileSizeInBytes

```

The `$orderby` query parameter allows specifying attributes on which to sort the returned list of the tiering policies

The following parameters support sorting in the object store profile list:

- cooloffPeriodInSeconds
- minimumFileSizeInBytes
- isIncludeFutureShares

A sample call would look like this:

```
/api/files/v4.0.a2/config/file-server/tier-policies?$orderby=cooloffPeriodInSeconds desc
```

The `$select` query parameter allows specifying attributes which the user wants to fetch in the returned list of the tiering policies, other attributes will be returned as a null value.

the following attributes can be selected:

- cooloffPeriodInSeconds
- minimumFileSizeInBytes
- isIncludeFutureShares

Some more examples are given below:

1. Filter by cooloffPeriodInSeconds:

```
/api/files/v4.0.a2/config/file-server/tier-policies?$filter=cooloffPeriodInSeconds gt 50
```

2. Order by cooloffPeriodInSeconds in ascending order

```
/api/files/v4.0.a2/config/file-server/tier-policies?$orderby=cooloffPeriodInSeconds asc
```

3. Order by cooloffPeriodInSeconds in descending order

```
/api/files/v4.0.a2/config/file-server/tier-policies?$orderby=cooloffPeriodInSeconds desc
```

4. Select by cooloffPeriodInSeconds

```
/api/files/v4.0.a2/config/file-server/tier-policies?$select=cooloffPeriodInSeconds
```

5. Paginate the returned tiering policy list

```
/api/files/v4.0.a2/config/file-server/tier-policies?$page=0&$limit=1
```

6. Combination of queries

```
/api/files/v4.0.a2/config/file-server/tier-policies?$limit=5&$select=cooloffPeriodInSeconds &$orderby=cooloffPeriodInSeconds desc
```

If the user doesn't specify any search query parameters, a list of all tiering policies will be returned.

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will be set to its nearest bound. In other words, a page number of less than 0 would be set to 0 and a page number greater than the total available pages would be set to the last page. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 0 and 100. Any number out of this range will be set to the default maximum number of records, which is 100. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. The filter can be applied on the following fields:

- cooloffPeriodInSeconds
- isIncludeFutureShares
- minimumFileSizeInBytes

\$orderby (optional)

Query Parameter —

A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, 'orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- cooloffPeriodInSeconds
- isIncludeFutureShares
- minimumFileSizeInBytes

\$select (optional)

Query Parameter —

A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.

- cooloffPeriodInSeconds
- extId
- isIncludeFutureShares
- links
- minimumFileSizeInBytes
- mountTargetExtIds
- tenantId

Return type

[files.v4.r0.a2.config.GetTieringPolicyListApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults" : 0,
    "flags": [ {
      "name": "name",
      "value": false
    }, {
      "name": "name",
      "value": false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    }, {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    } ],
    "links": [ {
      "rel": "rel",
      "href": "href"
    }, {
      "rel": "rel",
      "href": "href"
    } ],
    "extraInfo": [ {
      "name": "name",
      "value": ""
    } ]
  }
}
```

```

    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**Details of the tiering policy. [files.v4.r0.a2.config.GetTieringPolicyListApiResponse](#)**4XX**Client error response [files.v4.r0.a2.config.GetTieringPolicyListApiResponse](#)**5XX**Server error response [files.v4.r0.a2.config.GetTieringPolicyListApiResponse](#)

GET /files/v4.0.a2/config/file-server/tier-policies/{extId}

[Up](#)Get a tiering policy by extId (**getTieringPolicyById**)

Get the tiering policy identified with the given external identifier.

The user has to specify - a valid external identifier (extId) of the policy to be fetched.

Etag

Etag is used to cache unchanged resources. When making a GET call to the above resource, If-None-Match header can be passed as shown in the example below.

```

If-None-Match:      9
Content-Type:       application/json

```

The server compares the above Etag (sent with If-None-Match) with the Etag for its current version of the resource, and if both values match (that is, the resource has not changed), the server sends back a 304 Not Modified status, without a body. This tells the user that the cached version of the response is still good to use (fresh). If it doesn't match, it will send the response body of the latest resource with the updated value of Etag in the response headers as below:

```

Etag:               10
Ntnx-Request-Id:    fc6f929a-3ece-41d3-5a49-dd35f2610530
Content-Type:       application/json

```

If this header is not passed, the server will send the full payload with the latest etag value in response headers.

Path parameters**extId (required)***Path Parameter* — Tiering policy extId.**Return type**[files.v4.r0.a2.config.GetTieringPolicyApiResponse](#)**Example data**

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    } ]
  }
}

```

```

    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**Response of the tiering policy identified by {extId}. [files.v4.r0.a2.config.GetTieringPolicyApiResponse](#)**4XX**Client error response [files.v4.r0.a2.config.GetTieringPolicyApiResponse](#)**5XX**Server error response [files.v4.r0.a2.config.GetTieringPolicyApiResponse](#)

POST /files/v4.0.a2/config/file-server/\$actions/tier-data

[Up](#)**Initiate tiering data. (tierData)**

Initiate the process of tiering data.

The user needs to provide duration in seconds. Tiering will start immediately and will run for the specified duration. If the duration is not provided the tiering will run until file server storage usage has reached the threshold capacity value.

A sample request body would look like this:

```

{
  "durationInSeconds": 86400
}

```

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request bodybody [files.v4.r0.a2.config.TierData](#) (required)*Body Parameter* – Model for tier data.**Return type**[files.v4.r0.a2.config.TierDataApiResponse](#)**Example data**

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {

```

```

    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

204

Response for the tier data action. [files.v4.r0.a2.config.TierDataApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.TierDataApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.TierDataApiResponse](#)

PUT /files/v4.0.a2/config/file-server/object-store/profiles/{profileExtId} [Up](#)

Update object store profile (updateObjectStoreProfile)

Update attributes of the object store profile with the given external identifier using the provided request body.

The user has to specify - a valid external identifier (profileExtId) of the policy to be updated. They also need to provide a request body for performing the update.

A sample request body would look like this:

```

{
  "secretKey": "NaabhdrtaPDndqmvfdoaVqTPyotqz",
  "fileServerExtId": "cc118c4e-bfe7-4cfd-a363-c2717983fb75",
  "accessKey": "5--abgdrVrjL6zCKnAXfBNCUIPk_iEGpT",
  "extId": "546b1234-af77-48a3-a1fb-f5cba068f037",
  "tenantId": "aa123c4a-bfe7-4cfd-a363-c2717983f111"
}

```

It is always recommended to do a GET on a resource before doing an UPDATE.

How to pass Etag

For performing an update, the user needs an Etag value which is returned as a part of the response headers for the get operation.

A sample GET request url to get etag value would look like this:

/api/files/v4.0.a2/config/file-server/object-store/profiles/bb118c5e-bfe7-4cfd-a363-c3717983fb75

Response headers for the above call would look like this:

```

Etag: 10
Ntnx-Request-Id: fc6f929a-3ece-41d3-5a49-dd35f2610530
Content-Type: application/json

```

The user needs to pass the above value of Etag to If-Match header in the PUT request to the below URL

/api/files/v4.0.a2/config/file-server/object-store/profiles/bb118c5e-bfe7-4cfd-a363-c3717983fb75

Request headers for the above call would look like this:

```

If-Match: 10
Content-Type: application/json

```

Etag is required for v4.0.a2 APIs. If this header is not passed or an incorrect value is passed, the request will fail with 412 precondition failed status.

Path parameters

profileExtId (required)

Path Parameter — UUID of the tiering object store

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [files.v4.r0.a2.config.TieringObjectStoreProfile](#) (required)
Body Parameter — Object store profile specification.

Return type

[files.v4.r0.a2.config.UpdateObjectStoreApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Update attributes of the object store profile. [files.v4.r0.a2.config.UpdateObjectStoreApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.UpdateObjectStoreApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.UpdateObjectStoreApiResponse](#)

PUT /files/v4.0.a2/config/file-server/tier-config/{extId}

[Up](#)

Update the tiering configuration. ([updateTieringConfig](#))

Update the tiering configuration with the given external identifier using the provided request body.

The user has to specify - a valid external identifier (extId) of the configuration to be updated. They also need to provide a request body for performing the update.

A sample request body would look like this:

```
{
  "capacityThreshold": 50,
  "schedule": [
    {
```



```

    "dayOfWeek": 1,
    "schedules" :[
      {
        "startTimeHours": 10,
        "startTimeMinutes": 10,
        "durationMinutes": 100
      }
    ]
  },
  {
    "dayOfWeek": 2,
    "schedules" :[
      {
        "startTimeHours": 11,
        "startTimeMinutes": 10,
        "durationMinutes": 120
      }
    ]
  },
  {
    "dayOfWeek": 3,
    "schedules" :[
      {
        "startTimeHours": 23,
        "startTimeMinutes": 10,
        "durationMinutes": 100
      }
    ]
  },
  {
    "dayOfWeek": 4,
    "schedules" :[
      {
        "startTimeHours": 10,
        "startTimeMinutes": 10,
        "durationMinutes": 100
      }
    ]
  },
  {
    "dayOfWeek": 5,
    "schedules" :[
      {
        "startTimeHours": 10,
        "startTimeMinutes": 10,
        "durationMinutes": 100
      }
    ]
  },
  {
    "dayOfWeek": 6,
    "schedules" :[
      {
        "startTimeHours": 10,
        "startTimeMinutes": 10,
        "durationMinutes": 100
      }
    ]
  },
  {
    "dayOfWeek": 7,
    "schedules" :[
      {
        "startTimeHours": 10,
        "startTimeMinutes": 10,
        "durationMinutes": 100
      }
    ]
  }
]
}

```

It is always recommended to do a GET on a resource before doing an UPDATE.

How to pass Etag

For performing an update, the user needs an Etag value which is returned as a part of the response headers for the get operation.

A sample GET request url to get etag value would look like this:

```
/api/files/v4.0.a2/config/file-server/tier-config/bb118c5e-bfe7-4cfd-a363-c3717983fb75
```

Response headers for the above call would look like this:

```

Etag: 10
Ntnx-Request-Id: fc6f929a-3ece-41d3-5a49-dd35f2610530
Content-Type: application/json

```

The user needs to pass the above value of Etag to If-Match header in the PUT request to the below URL

/api/files/v4.0.a2/config/file-server/tier-config/bb118c5e-bfe7-4cfd-a363-c3717983fb75

Request headers for the above call would look like this:

If-Match: 10
Content-Type: application/json

Etag is required for v4.0.a2 APIs. If this header is not passed or an incorrect value is passed, the request will fail with 412 precondition failed status.

Path parameters

extId (required)
Path Parameter — Tiering config extId.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [files.v4.r0.a2.config.TieringConfig](#) (required)
Body Parameter — Tiering configuration model

Return type

[files.v4.r0.a2.config.UpdateTieringConfigApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Response of the tiering configuration update request. [files.v4.r0.a2.config.UpdateTieringConfigApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.UpdateTieringConfigApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.UpdateTieringConfigApiResponse](#)

[Up](#)

PUT /files/v4.0.a2/config/file-server/tier-policies/{extId}

Update a tiering policy ([updateTieringPolicy](#))

Update the tiering policy with the given external identifier using the provided request body.

The user has to specify - a valid external identifier (extId) of the policy to be updated. They also need to provide a request body for performing the update.

A sample request body would look like this:

```
{
  "isIncludeFutureShares": true,
  "mountTargetExtIds": [
    "d89ee9c2-8f08-4276-9b4c-a084cd59271b",
    "2e9fe9c1-9d08-6251-4b4c-9271ba084cd5"
  ],
  "cooloffPeriodInSeconds": 86400,
  "minimumFileSizeInBytes": 70000
}
```

It is always recommended to do a GET on a resource before doing an UPDATE.

How to pass Etag

For performing an update, the user needs an Etag value which is returned as a part of the response headers for the get operation.

A sample GET request url to get etag value would look like this:

```
/api/files/v4.0.a2/config/file-server/tier-policies/bb118c5e-bfe7-4cfd-a363-c3717983fb75
```

Response headers for the above call would look like this:

```
Etag: 10
Ntnx-Request-Id: fc6f929a-3ece-41d3-5a49-dd35f2610530
Content-Type: application/json
```

The user needs to pass the above value of Etag to If-Match header in the PUT request to the below URL

```
/api/files/v4.0.a2/config/file-server/tier-policies/bb118c5e-bfe7-4cfd-a363-c3717983fb75
```

Request headers for the above call would look like this:

```
If-Match: 10
Content-Type: application/json
```

Etag is required for v4.0.a2 APIs. If this header is not passed or an incorrect value is passed, the request will fail with 412 precondition failed status.

Path parameters

extId (required)

Path Parameter — Tiering policy extId.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [files.v4.r0.a2.config.TieringPolicy](#) (required)

Body Parameter — Tiering policy model

Return type

[files.v4.r0.a2.config.UpdateTieringPolicyApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
```

```

    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
}, {
  "data" : ""
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Response of the tiering policy update request. [files.v4.r0.a2.config.UpdateTieringPolicyApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.UpdateTieringPolicyApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.UpdateTieringPolicyApiResponse](#)

UserMapping

POST /files/v4.0.a2/config/file-server/user-mapping

[Up](#)

Create a user mapping (`createUserMapping`)

Create a user mapping using the provided request body.

User can specify fields like `explicitMapping`, `deniedAccessSmbUsers`, `ruleBasedMapping`.

A sample request body would look like this:

```

{
  "explicitMapping": {
    "deniedAccessSmbUsers": [
      {
        "actionType": "DENY_ACCESS",
        "mappingType": "USER",
        "name": "child4\\test1"
      },
      {
        "actionType": "DENY_ACCESS",
        "mappingType": "USER",
        "name": "child4\\test2"
      }
    ],
    "oneToOneMappings": [
      {
        "identityMappingType": "USER",
        "nfsMapping": {
          "name": "1001"
        },
        "smbMapping": {
          "name": "child4\\administrator"
        }
      }
    ]
  },
  "ruleBasedMapping": {
    "nfsWithNoMappings": [
      {
        "actionType": "MAP_IDENTITY",
        "mappingType": "USER",

```

```

        "name": "child4\\admin"
      },
      {
        "actionType": "MAP_IDENTITIES",
        "mappingType": "GROUP",
        "name": "child4\\administrator"
      }
    ],
    "smbWithNoMappings": [
      {
        "actionType": "MAP_IDENTITIES",
        "mappingType": "USER",
        "name": "1001",
        "userId": 1001
      },
      {
        "actionType": "MAP_IDENTITIES",
        "groupId": 1002,
        "mappingType": "GROUP",
        "name": "1002"
      }
    ],
    "templateMapping": "NO_TEMPLATE_MAPPING"
  }
}

```

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [files.v4.r0.a2.config.UserMapping](#) (required)
Body Parameter — User mapping model.

Return type

[files.v4.r0.a2.config.CreateUserMappingApiResponse](#)

Example data

Content-Type: application/json

```

{
  "metadata": {
    "totalAvailableResults" : 0,
    "flags": [ {
      "name": "name",
      "value" : false
    }, {
      "name": "name",
      "value" : false
    } ],
    "messages": [ {
      "severity" : "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale" : "en_US"
    } ],
    "links": [ {
      "rel": "rel",
      "href": "href"
    }, {
      "rel": "rel",
      "href": "href"
    } ],
    "extraInfo": [ {
      "name": "name",
      "value" : ""
    }, {
      "name": "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Task Id returned for the create user mapping request. [files.v4.r0.a2.config.CreateUserMappingApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.CreateUserMappingApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.CreateUserMappingApiResponse](#)

GET /files/v4.0.a2/config/file-server/user-mapping

[Up](#)

Get a user mapping (**getUserMapping**)

Get a list of user mappings.

Etag

Etag is used to cache unchanged resources. When making a GET call to the above resource, If-None-Match header can be passed as shown in the example below.

If-None-Match: 9
Content-Type: application/json

The server compares the above Etag (sent with If-None-Match) with the Etag for its current version of the resource, and if both values match (that is, the resource has not changed), the server sends back a 304 Not Modified status, without a body. This tells the user that the cached version of the response is still good to use (fresh). If it doesn't match, it will send the response body of the latest resource with the updated value of Etag in the response headers as below:

Etag: 10
Ntnx-Request-Id: fc6f929a-3ece-41d3-5a49-dd35f2610530
Content-Type: application/json

If this header is not passed, the server will send the full payload with the latest etag value in response headers.

Return type

[files.v4.r0.a2.config.UserMappingListApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

List of user mappings. [files.v4.r0.a2.config.UserMappingListApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.UserMappingListApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.UserMappingListApiResponse](#)

POST /files/v4.0.a2/config/file-server/\$actions/search-user-mapping

[Up](#)

Search a user mapping (searchUserMapping)

Search a user mapping using the provided request body.

A sample request body would look like this:

```
{
  "mappingType": "USER",
  "nameIds": [
    "4321"
  ],
  "actionType": "MAP_IDENTITYIES",
  "searchMappingType": "NFS_TO_SMB"
}
```

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [files.v4.r0.a2.config.SearchUserMappingRequestSpec](#) (required)

Body Parameter — Search a user mapping request model.

Return type

[files.v4.r0.a2.config.SearchUserMappingPOSTResponses](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

201

Details of the queried user mapping. [files.v4.r0.a2.config.SearchUserMappingPOSTResponses](#)

4XX

Client error response [files.v4.r0.a2.config.SearchUserMappingPOSTResponses](#)

5XX

Server error response [files.v4.r0.a2.config.SearchUserMappingPOSTResponses](#)

PUT /files/v4.0.a2/config/file-server/user-mapping

[Up](#)**Update a user mapping (updateUserMapping)**

Update a user mapping using the provided request body.

The user needs to provide a request body for performing the update. They can specify fields like explicitMapping, deniedAccessSmbUsers, ruleBasedMapping.

A sample request body would look like this:

```
{
  "explicitMapping": {
    "deniedAccessSmbUsers": [
      {
        "actionType": "DENY_ACCESS",
        "mappingType": "USER",
        "name": "child4\\test1"
      },
      {
        "actionType": "DENY_ACCESS",
        "mappingType": "USER",
        "name": "child4\\test2"
      }
    ],
    "oneToOneMappings": [
      {
        "identityMappingType": "USER",
        "nfsMapping": {
          "name": "1001"
        },
        "smbMapping": {
          "name": "child4\\administrator"
        }
      }
    ]
  },
  "ruleBasedMapping": {
    "nfsWithNoMappings": [
      {
        "actionType": "MAP_IDENTITIES",
        "mappingType": "USER",
        "name": "child4\\admin"
      },
      {
        "actionType": "MAP_IDENTITIES",
        "mappingType": "GROUP",
        "name": "child4\\administrator"
      }
    ],
    "smbWithNoMappings": [
      {
        "actionType": "MAP_IDENTITIES",
        "mappingType": "USER",
        "name": "1001",
        "userId": 1001
      },
      {
        "actionType": "MAP_IDENTITIES",
        "groupId": 1002,
        "mappingType": "GROUP",
        "name": "1002"
      }
    ]
  },
  "templateMapping": "NO_TEMPLATE_MAPPING"
}
```

User mapping update operation should be performed on a complete GET response body. A GET on a resource is required before doing an UPDATE operation. Sending a partial or incomplete GET response body as update request-body might result in the existing configuration being removed.

How to pass Etag

For performing an update, the user needs an Etag value which is returned as a part of the response headers for the get operation.

A sample GET request url to get etag value would look like this:

file:///Users/drew.marmo/Downloads/html-client-generated (4)/index.html

/api/files/v4.0.a2/config/file-server/user-mapping

Response headers for the above call would look like this:

```
Etag: 10
Ntnx-Request-Id: fc6f929a-3ece-41d3-5a49-dd35f2610530
Content-Type: application/json
```

The user needs to pass the above value of Etag to If-Match header in the PUT request to the below URL

/api/files/v4.0.a2/config/file-server/user-mapping

Request headers for the above call would look like this:

```
If-Match: 10
Content-Type: application/json
```

Etag is required for v4.0.a2 APIs. If this header is not passed or an incorrect value is passed, the request will fail with 412 precondition failed status.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [files.v4.r0.a2.config.UserMapping](#) (required)
Body Parameter — User mapping model.

Return type

[files.v4.r0.a2.config.UpdateUserMappingApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**Task Id returned for the update user mapping request. [files.v4.r0.a2.config.UpdateUserMappingApiResponse](#)**4XX**Client error response [files.v4.r0.a2.config.UpdateUserMappingApiResponse](#)**5XX**Server error response [files.v4.r0.a2.config.UpdateUserMappingApiResponse](#)

VirusScanPolicy

POST /files/v4.0.a2/config/file-server/mount-targets/{mountTargetExtId}/virus-scan-policy

Create a mount target virus scan policy (**createMountTargetVirusScanPolicy**)

Create virus scan policy for a mount target identified by mountTargetExtId.

A sample request body would look like this:

```
{
  "scanOnRead": true,
  "blockAccessFile": true,
  "scanTimeoutIntervalInSecs": 60,
  "mountTargetExtId": "f1be4f9f-70b5-4a04-8460-472f032ac9d8",
  "fileSizeExclusionInBytes": 0,
  "scanOnWrite": true,
  "extId": "5a008cef-17e4-4658-9978-1bd38f3738bc"
}
```

Path parameters**mountTargetExtId (required)***Path Parameter* — The {extId} of the mount target. Example:9c1e537d-6777-4c22-5d41-ddd0c3337aa9.**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/json

Request bodybody [files.v4.r0.a2.config.VirusScanPolicyMountTarget](#) (required)*Body Parameter* — virus scan policy Model**Return type**[files.v4.r0.a2.config.CreateMountTargetVirusScanPolicyApiResponse](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    } ]
  }
}
```

```

    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**201**

Response of create virus scan policy request for a mount target identified by mountTargetExtId.

[files.v4.r0.a2.config.CreateMountTargetVirusScanPolicyApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.CreateMountTargetVirusScanPolicyApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.CreateMountTargetVirusScanPolicyApiResponse](#)

POST /files/v4.0.a2/config/file-server/virus-scan-policy

[Up](#)
Create a virus scan policy (createVirusScanPolicy)

Creates a virus scan policy using the provided request body.

A sample request body would look like this:

```

{
  "scanOnRead": true,
  "blockAccessFile": true,
  "scanTimeoutIntervalInSecs": 120,
  "fileTypeExclusions": [
    ".txt",
    ".db"
  ],
  "fileSizeExclusionInBytes": 0,
  "extId": "d96df616-c3e4-4ee3-8425-05d6182b27a1",
  "enableAntiVirus": false,
  "scanOnWrite": false
}

```

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [files.v4.r0.a2.config.VirusScanPolicy](#) (required)
Body Parameter — virus scan policy Model

Return type

[files.v4.r0.a2.config.CreateVirusScanPolicyApiResponse](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
  }
}

```

```

    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

201

Response of create virus scan policy request. This returns the created virus scan policy. [files.v4.r0.a2.config.CreateVirusScanPolicyApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.CreateVirusScanPolicyApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.CreateVirusScanPolicyApiResponse](#)

DELETE /files/v4.0.a2/config/file-server/mount-targets/{mountTargetExtId}/virus-^{Up}

Delete a mount target virus scan policy (**deleteMountTargetVirusScanPolicy**)

Delete virus scan policy request for a mount target identified by mountTargetExtId.

Path parameters

mountTargetExtId (required)

Path Parameter — The {extId} of the mount target. Example:9c1e537d-6777-4c22-5d41-ddd0c3337aa9.

virusScanPolicyExtId (required)

Path Parameter — The {extId} of the virus scan policy.

Return type

[files.v4.r0.a2.config.DeleteMountTargetVirusScanPolicyApiResponse](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",

```

```

    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

204

Response of delete virus scan policy request for a mount-target identified by mountTargetExtId.

[files.v4.r0.a2.config.DeleteMountTargetVirusScanPolicyApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.DeleteMountTargetVirusScanPolicyApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.DeleteMountTargetVirusScanPolicyApiResponse](#)

GET /files/v4.0.a2/config/file-server/mount-targets/{mountTargetExtId}/virus-scan-policy/{virusScanPolicyExtId}

Get a mount target virus scan policy ([getMountTargetVirusScanPolicy](#))

Get virus scan policy with given external identifier for a mount target with provided mount target external identifier.

The user has to specify - a valid external identifier mountTargetExtId of the mount target and virusScanPolicyExtId of virus scan policy which needs to be fetched.

Path parameters

mountTargetExtId (required)

Path Parameter – The {extId} of the mount target. Example:9c1e537d-6777-4c22-5d41-ddd0c3337aa9.

virusScanPolicyExtId (required)

Path Parameter – The {extId} of the virus scan policy.

Return type

[files.v4.r0.a2.config.MountTargetVirusScanPolicyApiResponse](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },

```

```
"data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**

Response of get virus scan policy for a mount target identified by mountTargetExtId. [files.v4.r0.a2.config.MountTargetVirusScanPolicyApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.MountTargetVirusScanPolicyApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.MountTargetVirusScanPolicyApiResponse](#)

GET /files/v4.0.a2/config/file-server/virus-scan-policy/{virusScanPolicyExtId} Up

Get a virus scan policy (**getVirusScanPolicy**)

Get a virus scan policy identified by {extId}.

Path parameters

virusScanPolicyExtId (required)

Path Parameter — The {extId} of the virus scan policy.

Return type

[files.v4.r0.a2.config.VirusScanPolicyApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**

Details of the queried virus scan policy. [files.v4.r0.a2.config.VirusScanPolicyApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.VirusScanPolicyApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.VirusScanPolicyApiResponse](#)GET /files/v4.0.a2/config/file-server/mount-targets/{mountTargetExtId}/virus-scan-policy [Up](#)List mount target virus scan policies (**listMountTargetVirusScanPolicy**)

List virus scan policy for a mount target with provided mountTargetExtId.

The user has to specify - a valid external identifier (mountTargetExtId) of the mount target for which the virus scan policy needs to be fetched.

A sample request URL would look like this:

`/api/files/v4.0.a2/config/file-server/mount-targets/ff6cafea-a1dc-4d40-776a-cc2ce55be211/virus-scan-policy`**Path parameters****mountTargetExtId** (required)*Path Parameter* — The {extId} of the mount target. Example:9c1e537d-6777-4c22-5d41-ddd0c3337aa9.**Return type**[files.v4.r0.a2.config.ListMountTargetVirusScanPolicyApiResponse](#)**Example data**

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults" : 0,
    "flags": [ {
      "name": "name",
      "value": false
    }, {
      "name": "name",
      "value": false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    }, {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    } ],
    "links": [ {
      "rel": "rel",
      "href": "href"
    }, {
      "rel": "rel",
      "href": "href"
    } ],
    "extraInfo": [ {
      "name": "name",
      "value": ""
    }, {
      "name": "name",
      "value": ""
    } ]
  },
  "data": ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**Response of get virus scan policy for a mount target identified by mountTargetExtId. [files.v4.r0.a2.config.ListMountTargetVirusScanPolicyApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.ListMountTargetVirusScanPolicyApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.ListMountTargetVirusScanPolicyApiResponse](#)

GET /files/v4.0.a2/config/file-server/virus-scan-policy

List virus scan policies (**listVirusScanPolicy**)

List virus scan policy for a file server.

A sample request URL would look like this:

/api/files/v4.0.a2/config/file-server/virus-scan-policy

Return type

[files.v4.r0.a2.config.ListVirusScanPolicyApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Details of the queried virus scan policies [files.v4.r0.a2.config.ListVirusScanPolicyApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.ListVirusScanPolicyApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.ListVirusScanPolicyApiResponse](#)

PUT /files/v4.0.a2/config/file-server/mount-targets/{mountTargetExtId}/virus-scan-policy

Update a mount target virus scan policy (**updateMountTargetVirusScanPolicy**)

Update virus scan policy request for a mount target identified by mountTargetExtId.

A sample request body would look like this:

```
{
  "scanOnRead": true,
  "blockAccessFile": true,
  "scanTimeoutIntervalInSecs": 60,
}
```



```

"fileTypeExclusions": [
  ".pdf"
],
"mountTargetExtId": "4e624597-8a37-45aa-b4ac-0f992de0a903",
"scanOnWrite": true,
"extId": "dc9d2193-10db-45eb-8ff3-3bef0fe6fb07"
}

```

Path parameters

mountTargetExtId (required)

Path Parameter — The {extId} of the mount target. Example:9c1e537d-6777-4c22-5d41-ddd0c3337aa9.

virusScanPolicyExtId (required)

Path Parameter — The {extId} of the virus scan policy.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [files.v4.r0.a2.config.VirusScanPolicyMountTarget](#) (required)

Body Parameter — virus scan policy Model

Return type

[files.v4.r0.a2.config.UpdateMountTargetVirusScanPolicyApiResponse](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Response of update virus scan policy request for a mount target identified by mountTargetExtId.

[files.v4.r0.a2.config.UpdateMountTargetVirusScanPolicyApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.UpdateMountTargetVirusScanPolicyApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.UpdateMountTargetVirusScanPolicyApiResponse](#)

PUT /files/v4.0.a2/config/file-server/virus-scan-policy/{virusScanPolicyExtId}

Update a virus scan policy (updateVirusScanPolicy)

Update virus scan policy for file server identified for the provided extId.

A sample request body would look like this:

```
{
  "scanOnRead": true,
  "enableAntiVirus": true,
  "scanTimeoutIntervalInSecs": 120,
  "fileTypeExclusions": [
    ".txt",
    ".db"
  ],
  "scanOnWrite": false,
  "fileSizeExclusionInBytes": 0,
  "extId": "d96df616-c3e4-4ee3-8425-05d6182b27a1"
}
```

Path parameters**virusScanPolicyExtId (required)***Path Parameter* — The {extId} of the virus scan policy.**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/json

Request bodybody [files.v4.r0.a2.config.VirusScanPolicy](#) (required)*Body Parameter* — virus scan policy Model**Return type**[files.v4.r0.a2.config.UpdateVirusScanPolicyApiResponse](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
}
```

```
"data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Response of update virus scan policy request. This returns the updated virus scan policy. [files.v4.r0.a2.config.UpdateVirusScanPolicyApiResponse](#)

4XX

Client error response [files.v4.r0.a2.config.UpdateVirusScanPolicyApiResponse](#)

5XX

Server error response [files.v4.r0.a2.config.UpdateVirusScanPolicyApiResponse](#)

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242. [files.v4.r0.a2.config.TieringObjectStoreType - Object store type](#)
243. [files.v4.r0.a2.config.TieringPolicy - Tiering policy.](#)
244. [files.v4.r0.a2.config.UnQuarantineInfectedFilesApiResponse](#)
245. [files.v4.r0.a2.config.UpdateAdminUserApiResponse](#)
246. [files.v4.r0.a2.config.UpdateAntivirusServerApiResponse](#)
247. [files.v4.r0.a2.config.UpdateDataConsolidationPolicyApiResponse](#)
248. [files.v4.r0.a2.config.UpdateDataProtectionPolicyApiResponse](#)
249. [files.v4.r0.a2.config.UpdateFileServerApiResponse](#)
250. [files.v4.r0.a2.config.UpdateFileServerUserApiResponse](#)
251. [files.v4.r0.a2.config.UpdateGlobalBlockedClientApiResponse](#)
252. [files.v4.r0.a2.config.UpdateMountTargetApiResponse](#)
253. [files.v4.r0.a2.config.UpdateMountTargetVirusScanPolicyApiResponse](#)
254. [files.v4.r0.a2.config.UpdateObjectStoreApiResponse](#)
255. [files.v4.r0.a2.config.UpdateQuotaEmailConfigApiResponse](#)
256. [files.v4.r0.a2.config.UpdateQuotaPolicyApiResponse](#)
257. [files.v4.r0.a2.config.UpdateRansomwareConfigApiResponse](#)
258. [files.v4.r0.a2.config.UpdateSsrSnapshotScheduleApiResponse](#)
259. [files.v4.r0.a2.config.UpdateTieringConfigApiResponse](#)
260. [files.v4.r0.a2.config.UpdateTieringPolicyApiResponse](#)
261. [files.v4.r0.a2.config.UpdateUserMappingApiResponse](#)
262. [files.v4.r0.a2.config.UpdateVirusScanPolicyApiResponse](#)
263. [files.v4.r0.a2.config.UserMapping - User mapping](#)
264. [files.v4.r0.a2.config.UserMappingListApiResponse](#)
265. [files.v4.r0.a2.config.VM - File server VM object.](#)
266. [files.v4.r0.a2.config.VMNetwork - File server network object.](#)
267. [files.v4.r0.a2.config.VerifyDnsEntriesApiResponse](#)
268. [files.v4.r0.a2.config.VirusScanPolicy - Virus scan policy.](#)
269. [files.v4.r0.a2.config.VirusScanPolicyApiResponse](#)
270. [files.v4.r0.a2.config.VirusScanPolicyMountTarget - Virus scan policy.](#)
271. [files.v4.r0.a2.config.WildCardMapping - Wild card mapping](#)
272. [files.v4.r0.a2.config.WormSpec - Worm share details.](#)
273. [files.v4.r0.a2.config.WormType - Worm type for share.](#)
274. [files.v4.r0.a2.error.AppMessage](#)
275. [files.v4.r0.a2.error.ErrorResponse](#)
276. [files.v4.r0.a2.error.MessageSeverity](#)
277. [files.v4.r0.a2.error.SchemaValidationError](#)
278. [files.v4.r0.a2.error.SchemaValidationErrorMessage](#)
279. [files.v4.r0.a2.groups.Attribute - Group query attribute](#)
280. [files.v4.r0.a2.groups.GroupsQueryApiResponse](#)
281. [files.v4.r0.a2.groups.GroupsQueryRequest - Alerts group request](#)
282. [files.v4.r0.a2.groups.GroupsQueryResponse - Group query response](#)
283. [files.v4.r0.a2.infra.AttachmentType - Volume group attachment type.](#)
284. [files.v4.r0.a2.infra.CaCert - Root CA or ICA certificate.](#)
285. [files.v4.r0.a2.infra.CaChain - Certificate chain to verify TLS certificates.](#)
286. [files.v4.r0.a2.infra.FileServerInfo - File server information model.](#)
287. [files.v4.r0.a2.infra.FileServerStorageSpec - File server storage specification object.](#)
288. [files.v4.r0.a2.infra.FilesInfraLock - Files infrastructure lock model.](#)
289. [files.v4.r0.a2.infra.FilesInfraLockAcquireApiResponse](#)
290. [files.v4.r0.a2.infra.FilesInfraLockAcquireResponse - Files infrastructure lock acquire response model.](#)
291. [files.v4.r0.a2.infra.FilesInfraLockEndpoint - Files infrastructure lock endpoint. The acceptable values are "FILES" or "PLATFORM".](#)
292. [files.v4.r0.a2.infra.FilesInfraLockList - Files infrastructure lock list model.](#)
293. [files.v4.r0.a2.infra.FilesInfraLockReleaseApiResponse](#)
294. [files.v4.r0.a2.infra.FilesInfraLockReleaseResponse - Files infrastructure lock release response model.](#)
295. [files.v4.r0.a2.infra.FilesInfraLockScope - Files infrastructure lock scope.](#)
296. [files.v4.r0.a2.infra.FilesService - Files service model.](#)
297. [files.v4.r0.a2.infra.FilesServiceInfoGetApiResponse](#)
298. [files.v4.r0.a2.infra.FilesServiceNvmInfo - Files service NVM information model.](#)
299. [files.v4.r0.a2.infra.FilesVolumeGroup - File server storage volume group object](#)
300. [files.v4.r0.a2.infra.HttpProxy - Http proxy model.](#)
301. [files.v4.r0.a2.infra.ListFilesInfraLockInfoApiResponse](#)

302. [files.v4.r0.a2.infra.MigratePlatform - Platform migrate](#)
 303. [files.v4.r0.a2.infra.NotifyPlatform - Notify platform model.](#)
 304. [files.v4.r0.a2.infra.Nvm - NVM Model.](#)
 305. [files.v4.r0.a2.infra.NvmAddInfo - NVM add information model.](#)
 306. [files.v4.r0.a2.infra.NvmPowerOffInfo - NVM power off information model.](#)
 307. [files.v4.r0.a2.infra.NvmPowerOnInfo - NVM power-on information model.](#)
 308. [files.v4.r0.a2.infra.NvmRemoveInfo - NVM remove information model.](#)
 309. [files.v4.r0.a2.infra.NvmUpdateInfo - NVM update information model.](#)
 310. [files.v4.r0.a2.infra.OwnerType - Platform type.](#)
 311. [files.v4.r0.a2.infra.PcConfig - Prism central configuration model.](#)
 312. [files.v4.r0.a2.infra.PeConfig - PE config title](#)
 313. [files.v4.r0.a2.infra.PiiScrubbingLevel - Level of applying personal identification information scrubbing on pulse data.](#)
 314. [files.v4.r0.a2.infra.PlatformFiles - Platform files model.](#)
 315. [files.v4.r0.a2.infra.PlatformFilesGetApiResponse](#)
 316. [files.v4.r0.a2.infra.PlatformFilesNvmInfo - Platform files NVM information model.](#)
 317. [files.v4.r0.a2.infra.PlatformFilesUpdate - Platform files update model.](#)
 318. [files.v4.r0.a2.infra.PlatformFilesUpdateApiResponse](#)
 319. [files.v4.r0.a2.infra.PlatformFilesVirtualNetworkInfo - Platform files virtual network information model.](#)
 320. [files.v4.r0.a2.infra.PlatformInfo - Platform information model.](#)
 321. [files.v4.r0.a2.infra.PlatformMigrateApiResponse](#)
 322. [files.v4.r0.a2.infra.PlatformNotifyApiResponse](#)
 323. [files.v4.r0.a2.infra.PreUpgradeNvm - Pre-upgrade NVM model.](#)
 324. [files.v4.r0.a2.infra.ProxyType - Proxy type.](#)
 325. [files.v4.r0.a2.infra.PulseConfig - Pulse configuration model.](#)
 326. [files.v4.r0.a2.infra.SourceType - Source type of certificate.](#)
 327. [files.v4.r0.a2.infra.StorageCreateApiResponse](#)
 328. [files.v4.r0.a2.infra.StorageDeleteApiResponse](#)
 329. [files.v4.r0.a2.infra.StorageGetApiResponse](#)
 330. [files.v4.r0.a2.infra.StorageInfo - Storage information model.](#)
 331. [files.v4.r0.a2.infra.StorageUpdateApiResponse](#)
 332. [files.v4.r0.a2.infra.TlsCertificateConfig - TLS certificate configuration model.](#)
 333. [files.v4.r0.a2.stats.AntivirusServerStatsApiResponse](#)
 334. [files.v4.r0.a2.stats.FileServerStatsApiResponse](#)
 335. [files.v4.r0.a2.stats.MountTargetStatsApiResponse](#)
 336. [files.v4.r0.a2.stats.Stats - Stats model](#)
 337. [files.v4.r0.a2.stats.ValueMap](#)
 338. [prism.v4.r0.a1.config.TaskReference](#)
 339. [storage.v4.r0.a1.config.AuthenticationType - Supported types of authentication](#)
 340. [storage.v4.r0.a1.config.DiskStorageFeatures](#)
 341. [storage.v4.r0.a1.config.FlashMode](#)
 342. [storage.v4.r0.a1.config.IscsiClient - iSCSI Client Object](#)
 343. [storage.v4.r0.a1.config.SharingStatus - Supported Sharing Status types](#)
 344. [storage.v4.r0.a1.config.StorageFeatures](#)
 345. [storage.v4.r0.a1.config.TargetParam - Parameters associated with each iSCSI target corresponding to the iSCSI client.](#)
 346. [storage.v4.r0.a1.config.VmAttachment](#)
 347. [storage.v4.r0.a1.config.VolumeDisk - Volume Disk Object](#)
 348. [storage.v4.r0.a1.config.VolumeGroup - Volume Group Object](#)

common.v1.r0.a3.config.EntityReference

[Up](#)

extId (optional)
[String](#)
 name (optional)
[String](#)
 uris (optional)
[array\[String\]](#)
 entityType (optional)
[common.v1.r0.a3.config.EntityType](#)

common.v1.r0.a3.config.EntityType

[Up](#)

common.v1.r0.a3.config.FQDN

[Up](#)

A fully qualified domain name specifying its exact location in the tree hierarchy of the Domain Name System.

value (optional)
[String](#)

common.v1.r0.a3.config.Flag

[Up](#)

Many entities in the Nutanix APIs carry flags. This object captures all the flags associated with that entity through this object. The field that hosts this type of an object must have an attribute called x-bounded-map-keys that tells which flags are actually present for that entity.

name (optional)
[String](#)
 value (optional)
[Boolean](#)

common.v1.r0.a3.config.IPAddress[Up](#)

An unique address that identifies a device on the internet or a local network in IPv4 or IPv6 format.

ipv4 (optional)

[common.v1.r0.a3.config.IPv4Address](#)

ipv6 (optional)

[common.v1.r0.a3.config.IPv6Address](#)

common.v1.r0.a3.config.IPAddressOrFQDN[Up](#)

An unique address that identifies a device on the internet or a local network in IPv4/IPv6 format or a Fully Qualified Domain Name.

ipv4 (optional)

[common.v1.r0.a3.config.IPv4Address](#)

ipv6 (optional)

[common.v1.r0.a3.config.IPv6Address](#)

fqdn (optional)

[common.v1.r0.a3.config.FQDN](#)

common.v1.r0.a3.config.IPv4Address[Up](#)

value (optional)

[String](#)

prefixLength (optional)

[Integer](#) The prefix length of the network to which this host IPv4 address belongs. format: int32

common.v1.r0.a3.config.IPv6Address[Up](#)

value (optional)

[String](#)

prefixLength (optional)

[Integer](#) The prefix length of the network to which this host IPv6 address belongs. format: int32

common.v1.r0.a3.config.KVPair[Up](#)

A map describing a set of keys and their corresponding values.

name (optional)

[String](#) The key of this key value pair

value (optional)

The value associated with the key for this key-value pair

oneOf:

common.v1.r0.a3.config.Message[Up](#)

code (optional)

[String](#) A code that uniquely identifies a message.

message (optional)

[String](#)

locale (optional)

[String](#) The locale for the message description.

severity (optional)

[common.v1.r0.a3.config.MessageSeverity](#)

common.v1.r0.a3.config.MessageSeverity[Up](#)

The message severity.

common.v1.r0.a3.config.TenantAwareModel[Up](#)

A model base class whose instances are bound to a specific tenant. This model adds a tenantId to the base model class that it extends and is automatically set by the server.

tenantId (optional)

[String](#) A globally unique identifier that represents the tenant that owns this entity. It is automatically assigned by the system and is immutable from an API consumer perspective (some use cases may cause this Id to change - for instance a use case may require the transfer of ownership of the entity, but these cases are handled automatically on the server).

common.v1.r0.a3.response.ApiLink[Up](#)

A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

href (optional)

[*String*](#) The URL at which the entity described by this link can be accessed.

rel (optional)

[*String*](#) A name that identifies the relationship of this link to the object that is returned by the URL. The special value of `"self"` identifies the URL for the object.

common.v1.r0.a3.response.ApiResponseMetadata

[Up](#)

The metadata associated with an API response. Always present and minimally contains the self link for the API request that produced this response. Also contains pagination data for paginated requests.

flags (optional)

[*array\[common.v1.r0.a3.config.Flag\]*](#)

links (optional)

[*array\[common.v1.r0.a3.response.ApiLink\]*](#)

totalAvailableResults (optional)

[*Integer*](#) format: int32

messages (optional)

[*array\[common.v1.r0.a3.config.Message\]*](#)

extralInfo (optional)

[*array\[common.v1.r0.a3.config.KVPair\]*](#) An array of entity specific metadata

common.v1.r0.a3.response.ExternalizableAbstractModel

[Up](#)

A model that represents an object instance that is accessible through an API endpoint. Instances of this type get an extId field that contains the globally unique identifier for that instance. Externally accessible instances are always tenant aware and therefore extend the TenantAwareModel

extId (optional)

[*String*](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[*array\[common.v1.r0.a3.response.ApiLink\]*](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

tenantId (optional)

[*String*](#) A globally unique identifier that represents the tenant that owns this entity. It is automatically assigned by the system and is immutable from an API consumer perspective (some use cases may cause this Id to change - for instance a use case may require the transfer of ownership of the entity, but these cases are handled automatically on the server).

files.v4.r0.a2.config.ADDnsFailover - Ad DNS failover

[Up](#)

Active directory DNS failover

primaryAdCredential (optional)

[*files.v4.r0.a2.config.Credential*](#)

primaryDns (optional)

[*files.v4.r0.a2.config.Dns*](#)

primaryAdPreferredDomainController (optional)

[*String*](#) Use a specific domain controller for the join-domain operation in a multi DC active directory setup. By default, AFS discovers a site local domain controller for join-domain operation. The preferred domain controller cannot be an IP address. It has to be FQDN (example: dc_name.dom.companyname.com)

extId (optional)

[*String*](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[*array\[common.v1.r0.a3.response.ApiLink\]*](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

files.v4.r0.a2.config.AccessType - Access type of the mount target.

[Up](#)

Access type of the mount target. The acceptable values are `"READ_WRITE"`, `"READ_ONLY"`, `"NO_ACCESS"`;

files.v4.r0.a2.config.AcknowledgeAlertsApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/alerts/\$actions/acknowledge Post operation

metadata (optional)

[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)

oneOf: [*files.v4.r0.a2.error.ErrorResponse*](#)

files.v4.r0.a2.config.AcknowledgeAlertsResponse - Acknowledge alert

[Up](#)

Response for the acknowledge alert request.

id (optional)

[String](#) Alert UUID

message (optional)

[String](#) Message corresponding to alert acknowledge request.

successful (optional)

[Boolean](#) This field indicates if the alert is acknowledged.

files.v4.r0.a2.config.ActionStatus - Failover status with Action

[Up](#)

Failover status and action details.

status (optional)

[files.v4.r0.a2.config.FailOverStatus](#)

action (optional)

[files.v4.r0.a2.config.FailOverAction](#)

code (optional)

[String](#) A code that uniquely identifies a message.

message (optional)

[String](#)

locale (optional)

[String](#) The locale for the message description.

severity (optional)

[common.v1.r0.a3.config.MessageSeverity](#)

files.v4.r0.a2.config.ActivateFileServerApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/data-protection/\$actions/activate Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a1.config.TaskReference](#)

[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.Ad - Ad domain object

[Up](#)

Ad domain associated with the file server.

username (optional)

[String](#) Ad domain username associated with the file server.

password (optional)

[String](#) Ad domain password associated with the file server. format: password

domainName (optional)

[String](#) Ad domain name associated with the file server.

organizationUnit (optional)

[String](#) Ad domain organizational unit associated with the file server.

overwriteUserAccount (optional)

[Boolean](#) If a machine account with the same name as file server name is present on the Ad, then overwrite it during join-domain operation.

preferredDomainController (optional)

[String](#) Use a specific domain controller for the join-domain operation in a multi DC active directory setup. By default, AFS discovers a site local domain controller for join-domain operation. The preferred domain controller cannot be an IP address. It has to be FQDN (example: dc_name.dom.companyname.com)

addUserAsFsAdmin (optional)

[Boolean](#) Ad user or group name as 'name' or 'NETBIOS\name' format.

protocolType (optional)

[files.v4.r0.a2.config.ProtocolType](#)

rfc2307Enabled (optional)

[Boolean](#) RFC 2307 ENABLED (true, false).

useSameCredentialsForDns (optional)

[Boolean](#) Use the same Ad credential for DNS.

forceLeaveDomain (optional)

[Boolean](#) If the joined active directory is down or not reachable, then use this option to leave the domain by bypassing all Ad interactions. Please ensure to remove the file server machine account manually afterwards.

ValidateAdCredential (optional)

[Boolean](#) Indicates whether the Ad credentials will be validated or skipped. This field will be deferred.

isValidateAdCredential (optional)

[Boolean](#) Indicates whether the Ad credentials will be validated or skipped.

files.v4.r0.a2.config.AdDnsFailoverApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/data-protection/\$actions/ad-dns-failover Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.AddDnsEntriesApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/\$actions/add-dns-entries Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.AdminRole - Admin Role

[Up](#)

Admin role. The acceptable values are "ADMIN" or "BACKUP_OPERATOR".

files.v4.r0.a2.config.AdminUser - Admin user

[Up](#)

Admin user model

name
[String](#) Admin user name
 role
[files.v4.r0.a2.config.AdminRole](#)
 extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.
 links (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

files.v4.r0.a2.config.AdminUserApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/admin-users/{adminUserExtId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [files.v4.r0.a2.config.AdminUser](#) [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.AdminUserListApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/admin-users Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.Alert - Alert

[Up](#)

Alert object details

id (optional)
[String](#) Alert UUID
 alertTypeUuid (optional)
[String](#) Alert type UUID
 checkId (optional)
[String](#) Alert check UUID
 resolved (optional)
[Boolean](#) Used as a filter to fetch only the resolved alerts.
 autoResolved (optional)
[Boolean](#) Alerts which have auto-resolve status.
 acknowledged (optional)
[Boolean](#) Alerts which have acknowledged status.
 serviceVMId (optional)
[String](#) Service VM Id
 nodeUuid (optional)
[String](#) Node UUID

createdTimestampInUsecs (optional)
[Long](#) Created timestamp in microseconds. format: int64

lastOccurrenceTimestampInUsecs (optional)
[Long](#) Last occurred timestamp in microseconds. format: int64

clusterUuid (optional)
[String](#) The cluster associated with the file server. This contains AOS cluster UUID. This is a read-only field.

originatingClusterUuid (optional)
[String](#) Originating cluster UUID

severity (optional)
[String](#) Severity level of the alert. The values can be INFO, WARNING or CRITICAL.

categories (optional)
[array\[String\]](#) Alerts associated with the categories. Categories can be SystemIndicator, Cluster.

impact (optional)
[String](#) Alert impact

impactTypes (optional)
[array\[String\]](#) Alerts associated with the impact types. Impact types can be Availability, Capacity, Configuration, Performance, System Indicator, Controller VM.

classifications (optional)
[array\[String\]](#) Alerts associated with the listed classification.

acknowledgedByUsername (optional)
[String](#) Username who acknowledged the alerts.

message (optional)
[String](#) Alerts message

detailedMessage (optional)
[String](#) Detailed alerts message.

alertTitle (optional)
[String](#) Title of the alert.

operationType (optional)
[String](#) Operation type of alerts.

acknowledgedTimestampInUsecs (optional)
[Long](#) Acknowledged timestamp in microseconds. format: int64

resolvedTimestampInUsecs (optional)
[Long](#) Resolved timestamp in microseconds. format: int64

resolvedByUsername (optional)
[String](#) Username who resolved the alerts.

entityTypes (optional)
[array\[String\]](#) Entity type to get the alerts.

userDefined (optional)
[Boolean](#) Indicates whether the alert is user-defined.

entityIds (optional)
[array\[String\]](#) List of entity extIds.

entityUuids (optional)
[array\[String\]](#) List of UUID for entities.

affectedEntities (optional)
[array\[Object\]](#) List of affected entities.

contextTypes (optional)
[array\[String\]](#) List of alert context types.

contextValues (optional)
[array\[String\]](#) List of alert context values.

possibleCauses (optional)
[array\[Object\]](#) The possible causes for this alert.

alertDetails (optional)
[Object](#) Alert description

files.v4.r0.a2.config.AlertApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/alerts Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.AnonymousIdentifier - Anonymous identifier of the mount target.

[Up](#)

Anonymous identifier of the mount target.

uid (optional)

[Long](#) User identifier. Default value of the user identifier is -2. format: int64

gid (optional)

[Long](#) Group identifier. Default value of the group identifier is -2. format: int64

files.v4.r0.a2.config.AntivirusServer - Antivirus server details

[Up](#)

Antivirus server model

description (optional)

[String](#) Antivirus server description

address

[common.v1.r0.a3.config.IPAddressOrFQDN](#)

port

[Integer](#) Antivirus server port

connectionStatus (optional)

[files.v4.r0.a2.config.ConnectionStatus](#)

enable (optional)

[Boolean](#) This field indicates if the antivirus server is enabled. This is a read-only field. This field will be deprecated.

isEnabled (optional)

[Boolean](#) This field indicates if the antivirus server is enabled. This is a read-only field.

partner (optional)

[String](#) Partner details of the antivirus server. This is a read-only field.

icapServiceName (optional)

[String](#) ICAP service name

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

files.v4.r0.a2.config.AntivirusServerApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/anti-virus-servers/{antivirusServerExtId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.config.AntivirusServer](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.AntivirusServerListApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/anti-virus-servers Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.AuthType - Auth type.

[Up](#)

Auth Type Details.

files.v4.r0.a2.config.BaseProtectedFileServerPair - Protected file server pair details.

[Up](#)

Protected file server pair model.

primaryFileServerExtId (optional)

[String](#) The {extId} of the primary file server. This is a read-only field.

targetFileServerExtId (optional)

[String](#) The {extId} of the target file server. This is a read-only field.

primaryAdCredential (optional)

[files.v4.r0.a2.config.Credential](#)

primaryDns (optional)

[files.v4.r0.a2.config.Dns](#)

primaryAdPreferredDomainController (optional)

[String](#) Use a specific domain controller for the join-domain operation in a multi DC active directory setup. By default, AFS discovers a site local domain controller for join-domain operation. The preferred domain controller cannot be an IP address. It has to be FQDN (example: dc_name.dom.companyname.com)

files.v4.r0.a2.config.BlockedClients - Blocked clients due to read-only or no access.

[Up](#)

Blocked clients due to read-only or no access.

roAccessFilters (optional)
[array\[files.v4.r0.a2.config.ClientBlockingFilter\]](#) Read only access clients

noAccessFilters (optional)
[array\[files.v4.r0.a2.config.ClientBlockingFilter\]](#) No access clients

rwAccessFilters (optional)
[array\[files.v4.r0.a2.config.ClientBlockingFilter\]](#) Read write access clients

files.v4.r0.a2.config.ClearLoadBalanceFileServerApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/\$actions/clear-recommendation Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.ClientAccessType - Access type of the mount target.

[Up](#)

Access type of the mount target.

defaultAccessType (optional)
[files.v4.r0.a2.config.AccessType](#)

clientExceptions (optional)
[array\[files.v4.r0.a2.config.ClientException\]](#)

files.v4.r0.a2.config.ClientBlockingFilter - Blocked clients filter

[Up](#)

Blocked clients filter

vendorName (optional)
[String](#) Vendor name

ipList (optional)
[array\[common.v1.r0.a3.config.IPAddress\]](#) IP address list

sidList (optional)
[array\[String\]](#) SID list

uidList (optional)
[array\[Long\]](#) UID list format: int64

gidList (optional)
[array\[Long\]](#) GID list format: int64

blockAllIps (optional)
[Boolean](#) Block all IP addresses. This field will be deprecated.

isBlockAllIps (optional)
[Boolean](#) Block all IP addresses

files.v4.r0.a2.config.ClientException - Access exception client list of the mount target.

[Up](#)

Access exception client list of the mount target.

readOnlyAccesses (optional)
[String](#) Read-only client access list.

readWriteAccesses (optional)
[String](#) Read-write client access list.

noAccesses (optional)
[String](#) No-access client list.

files.v4.r0.a2.config.ConfigObjectStoreApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/object-store/profiles Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.ConfigureNameServiceApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/\$actions/configure-name-services Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.ConnectionStatus - Connection status enum

[Up](#)

Connection status values. The acceptable values are "NOT_TESTED", "NOT_REACHABLE", "OK".

files.v4.r0.a2.config.ConsolidationEntity - Consolidation entity

[Up](#)

This contains the source paths configuration belong to the source file server.

sourcePath
[String](#) <p>Absolute source path.</p> <p>For the source paths ending with '/', the contents will be copied directly into the target folder. For the paths, ending with name, a new folder with the same name will be created on the target server and then the data is synced."</p>

files.v4.r0.a2.config.ConsolidationSubPolicy - Consolidation sub policy

[Up](#)

Consolidation sub policy represents source, source paths and schedules.

extId (optional)
[String](#)
 sourceFileServerExtId
[String](#) The {extId} of the file server. This is a read-only field.
 syncEntities (optional)
[array\[files.v4.r0.a2.config.ConsolidationEntity\]](#) This contains list of source paths which belong to the source file server.
 schedules
[array\[files.v4.r0.a2.config.Schedule\]](#) This contains details of snapshot schedules. It contains the start time of the replication and frequency of the replication.
 policyStatus (optional)
[files.v4.r0.a2.config.PolicyStatus](#)

files.v4.r0.a2.config.CreateAdminUserApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/admin-users Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [files.v4.r0.a2.config.AdminUser](#) [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.CreateAntivirusServerApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/anti-virus-servers Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [files.v4.r0.a2.config.AntivirusServer](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.CreateDataConsolidationPolicyApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/data-consolidation-policies Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.CreateDataProtectionPolicyApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/data-protection-policies Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.CreateFileServerUserApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/users Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.config.FileServerUser](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.CreateMountTargetApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/mount-targets Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.CreateMountTargetVirusScanPolicyApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/mount-targets/{mountTargetExtId}/virus-scan-policy Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.config.VirusScanPolicyMountTarget](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.CreateNetworkApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/networks Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.CreateQuotaPolicyApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/mount-targets/{mountTargetExtId}/quota-policies Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.CreateSsrSnapshotScheduleApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/ssr-snapshot-schedules Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.config.SsrSnapshotSchedule](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.CreateTieringConfigApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/tier-config Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.config.TieringConfig](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.CreateTieringPolicyApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/tier-policies Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.CreateUserMappingApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/user-mapping Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.CreateVirusScanPolicyApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/virus-scan-policy Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [files.v4.r0.a2.config.VirusScanPolicy](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.Credential - Failover action

[Up](#)

Details of the user actions to be performed.

username
[String](#) Ad domain username associated with the file server.

password
[String](#) Ad domain password associated with the file server. format: password

files.v4.r0.a2.config.DataConsolidationPolicy - Data consolidation policy

[Up](#)

Data consolidation policy

name
[String](#) Consolidation policy name

description (optional)
[String](#) Policy description

targetFileServerExtId
[String](#) The {extId} of the target file server. This is a read-only field.

targetPath
[String](#) Absolute path for the target. For example: '/share1/dir1'. Path should always start with a root folder.

subPolicies
[array\[files.v4.r0.a2.config.ConsolidationSubPolicy\]](#) Consolidation sub policy represents source, source paths and schedules.

policyStatus (optional)
[files.v4.r0.a2.config.PolicyStatus](#)

extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

files.v4.r0.a2.config.DataConsolidationPolicyApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/data-consolidation-policies/{dataConsolidationPolicyExtId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [files.v4.r0.a2.config.DataConsolidationPolicy](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.DataConsolidationPolicyListApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/data-consolidation-policies Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.DataProtectionPolicy - Data protection policy

[Up](#)

Data protection policy

name
[String](#) Name of the policy

description (optional)
[String](#) Policy description

subPolicies (optional)
[array\[files.v4.r0.a2.config.SubPolicy\]](#) Data location represents combination of source, target, source target map, schedules, policy status and replication summary status.

policyStatus (optional)
[files.v4.r0.a2.config.PolicyStatus](#)

replicationSummary (optional)
[files.v4.r0.a2.config.ReplicationSummary](#)

type
[files.v4.r0.a2.config.DataProtectionPolicyType](#)

isReversePolicy (optional)
[Boolean](#) This flag indicates if this policy has been used for reverse replication.

extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

files.v4.r0.a2.config.DataProtectionPolicyApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/data-protection-policies/{dataProtectionPolicyExtId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [files.v4.r0.a2.config.DataProtectionPolicy](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.DataProtectionPolicyListApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/data-protection-policies Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.DataProtectionPolicyType - Policy type

[Up](#)

Policy type value. The acceptable values are "DATAPROTECTIONPOLICYTYPE_DR";, "DATAPROTECTIONPOLICYTYPE_SYNC";.

files.v4.r0.a2.config.DeActivateFileServerApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/data-protection/\$actions/deactivate Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.DeactivateSpec - Deactivate file server

[Up](#)

DeActivation involves, making the mount targets for the provided file server pair read-only and replicating the final delta, if needed.

replicateFinalDelta (optional)
[Boolean](#) Flag to indicate whether the final delta needs to be replicated or not.

primaryFileServerExtId (optional)
[String](#) The {extId} of the primary file server. This is a read-only field.

targetFileServerExtId (optional)
[String](#) The {extId} of the target file server. This is a read-only field.

extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

files.v4.r0.a2.config.DeleteAdminUserApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/admin-users/{adminUserExtId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
oneOf: [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.DeleteAntivirusServerApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/anti-virus-servers/{antivirusServerExtId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
oneOf: [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.DeleteDataConsolidationPolicyApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/data-consolidation-policies/{dataConsolidationPolicyExtId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.DeleteDataProtectionPolicyApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/data-protection-policies/{dataProtectionPolicyExtId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.DeleteFileServerUserApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/users/{fileServerUserExtId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
oneOf: [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.DeleteMountTargetApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/mount-targets/{mountTargetExtId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.DeleteMountTargetSnapshotApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/mount-targets/{mountTargetExtId}/snapshots/{snapshotExtId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.DeleteMountTargetVirusScanPolicyApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/mount-targets/{mountTargetExtId}/virus-scan-policy/{virusScanPolicyExtId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
oneOf: [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.DeleteNetworkApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/networks/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.DeleteQuotaPolicyApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/mount-targets/{mountTargetExtId}/quota-policies/{quotaPolicyExtId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.DeleteSsrSnapshotScheduleApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/ssr-snapshot-schedules/{ssrSnapshotScheduleExtId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.DeleteTieringConfigApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/tier-config/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.DeleteTieringPolicyApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/tier-policies/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.DisableDataConsolidationPolicyApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/data-consolidation-policies/{dataConsolidationPolicyExtId}/\$actions/disable Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.DisableDataProtectionPolicyApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/data-protection-policies/{dataProtectionPolicyExtId}/\$actions/disable Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.DisablePolicySpec - Disable policy

[Up](#)

Disables the policy with cancelOnGoingJobs as user given input, if the input is not provided then the default value is set to false.

cancelOngoingJobs (optional)
[Boolean](#) This parameter indicates whether all the ongoing jobs needed to be cancelled during the disable policy operation. It is false by default.

code (optional)
[String](#) A code that uniquely identifies a message.

message (optional)

[String](#)

locale (optional)

[String](#) The locale for the message description.

severity (optional)

[common.v1.r0.a3.config.MessageSeverity](#)

files.v4.r0.a2.config.Dns - DNS details

[Up](#)

DNS detail for the file server.

extId (optional)

[String](#) DNS server UUID. This is a read-only field. Example:28f78959-14a6-4c47-b5db-920460c4b668.

preferredNameServer (optional)

[String](#) Preferred name server for a file server.

ipAddress (optional)

[String](#) IPV4 address of the DNS server. This is a read-only field.

hostName (optional)

[String](#) Host name for the DNS server. This is a read-only field.

operationType

[files.v4.r0.a2.config.DnsOperationType](#)

isVerified (optional)

[Boolean](#) This field indicates if the DNS server is verified. This is a read-only field.

username

[String](#) Ad domain username associated with the file server.

password

[String](#) Ad domain password associated with the file server. format: password

files.v4.r0.a2.config.DnsDetails - DNS details

[Up](#)

DNS detail for the file server.

ipAddress (optional)

[String](#) IPV4 address of the DNS server. This is a read-only field.

hostName (optional)

[String](#) Host name for the DNS server. This is a read-only field.

isVerified (optional)

[Boolean](#) This field indicates if the DNS server is verified. This is a read-only field.

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

files.v4.r0.a2.config.DnsEntriesListApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/dns-entries Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.DnsOperationType - DNS operation type

[Up](#)

DNS operation type. The acceptable values are "MANUAL"; "MS_DNS"; "DNSOPERATIONTYPE_MANUAL"; "DNSOPERATIONTYPE_MS_DNS";.

files.v4.r0.a2.config.EnableDataConsolidationPolicyApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/data-consolidation-policies/{dataConsolidationPolicyExtId}/\$actions/enable Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.EnableDataProtectionPolicyApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/data-protection-policies/{dataProtectionPolicyExtId}/\$actions/enable Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.EnableMountTargets - Enable mount targets

[Up](#)

Configuration to enable current and future mount targets. The acceptable values are "ALL_CURRENT_MOUNT_TARGETS"; "ALL_CURRENT_FUTURE_MOUNT_TARGETS"; "ALL_FUTURE_MOUNT_TARGETS"; "NONE";.

files.v4.r0.a2.config.EnforcementType - Enforcement type

[Up](#)

Enforcement types for the quota policy. The acceptable values are "soft"; or "hard";.

files.v4.r0.a2.config.ExplicitIdentityMapping - Explicit mapping.

[Up](#)

Explicit mapping model.

oneToOneMappings (optional)
[array\[files.v4.r0.a2.config.OneToOneMapping\]](#)

wildcardMappings (optional)
[array\[files.v4.r0.a2.config.WildCardMapping\]](#)

deniedAccessSmbUsers (optional)
[array\[files.v4.r0.a2.config.SmbIdentitiesMapping\]](#)

deniedAccessNfsUsers (optional)
[array\[files.v4.r0.a2.config.NfsIdentitiesMapping\]](#)

deniedAccessSmbGroups (optional)
[array\[files.v4.r0.a2.config.SmbIdentitiesMapping\]](#)

deniedAccessNfsGroups (optional)
[array\[files.v4.r0.a2.config.NfsIdentitiesMapping\]](#)

files.v4.r0.a2.config.FailOverAction - Failover action

[Up](#)

Details of the user actions to be performed. The acceptable values are "FAILOVERACTION_PLANNED_FAILOVER"; "FAILOVERACTION_UNPLANNED_FAILOVER"; "FAILOVERACTION_FAILBACK"; "FAILOVERACTION_RESUME_REPLICATION"; "FAILOVERACTION_RESUME_REPLICATION_FROM_PRIMARY"; "FAILOVERACTION_RESUME_REPLICATION_FROM_STANDBY"; "FAILOVERACTION_CONFIGURE_AD_DNS";

files.v4.r0.a2.config.FailOverStatus - Failover status

[Up](#)

Failover status. The acceptable values are "FAILOVERSTATUS_ERROR"; "FAILOVERSTATUS_FAILOVER_IN_PROGRESS"; "FAILOVERSTATUS_FAILBACK_IN_PROGRESS"; "FAILOVERSTATUS_RESUME_REPLICATION_IN_PROGRESS";

files.v4.r0.a2.config.FailOverType - Failover

[Up](#)

Fail over type .The acceptable values are "FAILOVERTYPE_PLANNED_FAILOVER"; "FAILOVERTYPE_UNPLANNED_FAILOVER"; "FAILOVERTYPE_FAILBACK"; "FAILOVERTYPE_RESUME_REPLICATION"; "FAILOVERTYPE_RESUME_REPLICATION_FROM_PRIMARY"; "FAILOVERTYPE_RESUME_REPLICATION_FROM_STANDBY";.

files.v4.r0.a2.config.FailedFile - Migration failed file

[Up](#)

Failed file details of migration plan

errorCode (optional)
[String](#) Migration of file failed with error code.

errorMsg (optional)
[String](#) Migration of file failed with an error message.

filesList (optional)
[array\[String\]](#)

extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

files.v4.r0.a2.config.FailedFilesList - Migration failed files list

[Up](#)

Failed files list of migration plan

failedFiles
[array\[files.v4.r0.a2.config.FailedFile\]](#)

extId (optional)

[*String*](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[*array\[common.v1.r0.a3.response.ApiLink\]*](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

files.v4.r0.a2.config.FailoverApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/data-protection/\$actions/failover Post operation

metadata (optional)

[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)

oneOf: [*prism.v4.r0.a1.config.TaskReference*](#)

[*files.v4.r0.a2.error.ErrorResponse*](#)

files.v4.r0.a2.config.FailoverSpec - Failover

[Up](#)

Failover model.

reverseReplicationPolicy (optional)

[*files.v4.r0.a2.config.DataProtectionPolicy*](#)

type (optional)

[*files.v4.r0.a2.config.FailOverType*](#)

owningFileServerExtId (optional)

[*String*](#) The {extId} of the owning file server. This is a read-only field

policyExtIds (optional)

[*array\[String\]*](#) The {extId} of the data protection policy.

fileServerState (optional)

[*files.v4.r0.a2.config.FileServerState*](#)

status (optional)

[*files.v4.r0.a2.config.ActionStatus*](#)

files.v4.r0.a2.config.FileInfoSpec - Information related to a single file sent and received back.

[Up](#)

Information related to a single file sent and received back.

inode (optional)

[*Long*](#) Inode number of a file. format: int64

genId (optional)

[*Long*](#) genId of a file. format: int64

mimeType (optional)

[*String*](#) MimeType of a file.

errorMsg (optional)

[*String*](#) Error while retrieving the mimetype of a file.

files.v4.r0.a2.config.FileServer - File server object

[Up](#)

File server object

name

[*String*](#) File server name.

memoryGib (optional)

[*Long*](#) Memory associated with the file server VM. format: int64

vcpus (optional)

[*Long*](#) CPU associated with the file server VM. format: int64

cvmlpAddresses (optional)

[*array\[common.v1.r0.a3.config.Ipv4Address\]*](#) List of CVM IP addresses associated with the file server. This is a read-only field.

containerExtId (optional)

[*String*](#) The container associated with the file server. This is a read-only field.

clusterExtId (optional)

[*String*](#) The cluster associated with the file server. This contains AOS cluster UUID. This is a read-only field.

sizeInGib (optional)

[*Double*](#) File server size. format: double

version (optional)

[*String*](#) File server version. This is a read-only field.

rebalanceNeeded (optional)

[*Boolean*](#) This flag indicates if file server recommendations are available and the user has to perform actions. This is a read-only field.

dnsDomainName (optional)

[*String*](#) Fully qualified domain name (file server namespace). This, along with the file server name, constitutes the namespace of the file server. Example: fileserv_name.corp.companyname.com. This

is also used to create file server DNS entries on the nameservers so that clients can access the file server using its name.

compressionEnabled (optional)

[Boolean](#) Filesystem compression value. For file servers greater than 3.6 version, the filesystem compression is enabled by default. This is a read-only field.

fileBlockingExtensions (optional)

[array\[String\]](#) List of file blocking extensions or patterns in a comma separated list of strings. For Ex: [".db", ".txt", ".mp3"].

vms (optional)

[array\[files.v4.r0.a2.config.VM\]](#) List of file server VMs associated with the file server. This is a read-only field.

dnsServers (optional)

[array\[common.v1.r0.a3.config.IPV4Address\]](#) List of DNS servers associated with the file server.

nntpServers (optional)

[array\[common.v1.r0.a3.config.IPAddressOrFQDN\]](#) The list of IP or Expand FQDN of the NTP servers associated with the file server.

internalNetworks (optional)

[array\[files.v4.r0.a2.config.Network\]](#) List of internal networks associated with the file server.

externalNetworks (optional)

[array\[files.v4.r0.a2.config.Network\]](#) List of external networks associated with the file server.

nvmsCount (optional)

[Integer](#) Total number of file server VMs format: int32

externalPrimaryNetworkExtId (optional)

[String](#) Network Id of external primary network.

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

files.v4.r0.a2.config.FileServerGetApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.config.FileServer](#) [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.FileServerState - File server state

[Up](#)

Defines the state of the file server. The acceptable values are "FILESERVERSTATE_ACTIVE" or "FILESERVERSTATE_STANDBY".

files.v4.r0.a2.config.FileServerUser - File server user

[Up](#)

File server user model.

name

[String](#) File server user name.

password

[String](#) Password of the file server user. format: password

roles (optional)

[array\[files.v4.r0.a2.config.FileServerUserRole\]](#) List of file server user roles.

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

files.v4.r0.a2.config.FileServerUserApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/users/{fileServerUserExtId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.config.FileServerUser](#) [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.FileServerUserListApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/users Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.FileServerUserRole - File server user role

[Up](#)

File server user role. The acceptable values are "ROLE_CLUSTER_ADMIN", "ROLE_CLUSTER_VIEWER" or "ROLE_USER_ADMIN".

files.v4.r0.a2.config.FilesAuthenticationType - Authentication type of the mount target.

[Up](#)

Authentication type of the mount target. The acceptable values are "KERBEROS5", "NONE", "SYSTEM", "KERBEROS5P", "KERBEROS5I".

files.v4.r0.a2.config.GetObjectStoreApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/object-store/profiles/{profileExtId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [files.v4.r0.a2.config.TieringObjectStoreProfile](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.GetQuotaEmailConfigApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/quota-email-config Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [files.v4.r0.a2.config.QuotaEmailConfig](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.GetTieringConfigApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/tier-config/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [files.v4.r0.a2.config.TieringConfig](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.GetTieringConfigListApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/tier-config Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.GetTieringPolicyApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/tier-policies/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [files.v4.r0.a2.config.TieringPolicy](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.GetTieringPolicyListApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/tier-policies Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.GlobalBlockedClient - Blocked clients due to read-only or no access.

[Up](#)

Blocked clients due to read-only or no access.

roAccessFilters (optional)
[array\[files.v4.r0.a2.config.ClientBlockingFilter\]](#) Read only access clients

noAccessFilters (optional)
[array\[files.v4.r0.a2.config.ClientBlockingFilter\]](#) No access clients

blockingEnabled (optional)
[Boolean](#) Flag to enable or disable global blocked clients.

files.v4.r0.a2.config.GlobalBlockedClientApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/blocked-client Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [files.v4.r0.a2.config.GlobalBlockedClient](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.IdentityActionType - Identity action

[Up](#)

Identity mapping action type. The acceptable values are "DENY_ACCESS" or "MAP_IDENTITIES".

files.v4.r0.a2.config.IdentityMappingOptionType - Identity mapping

[Up](#)

Identity mapping option type. The acceptable values are "DENY", "ONE_TO_ONE", "WILD_CARD", "DEFAULT", "TEMPLATE".

files.v4.r0.a2.config.IdentityMappingType - Identity mapping

[Up](#)

Identity mapping model. The acceptable values are "USER" or "GROUP".

files.v4.r0.a2.config.InfectedFile - Infected files

[Up](#)

Infected files model

fileServerExtId (optional)
[String](#) The {extId} of the file server. This is a read-only field.

mountTargetExtId (optional)
[String](#) The {extId} of the mount target. Example:9c1e537d-6777-4c22-5d41-ddd0c3337aa9.

shareName (optional)
[String](#) Share name

filePath (optional)
[String](#) File path

threatDescription (optional)
[String](#) Threat description

scanTimestampUsecs (optional)
[String](#) Scan timestamp in sec.s

quarantined (optional)
[Boolean](#) Quarantine infected files.

icapServer (optional)
[String](#) ICAP server details

extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

files.v4.r0.a2.config.InfectedFileSpec - Infected file ops

[Up](#)

Comma-separated list of infected file UUID.

infectedFileUuids
[array\[String\]](#) Comma-separated list of infected file UUID.

files.v4.r0.a2.config.InfectedFilesApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/infected-files/{infectedFileExtId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [files.v4.r0.a2.config.InfectedFile](#) [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.InfectedFilesListApiResponse[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/infected-files Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.JobStatus - Status[Up](#)

Status of each job. The acceptable values are "JOBSTATUS_RUNNING", "JOBSTATUS_QUEUED", "JOBSTATUS_SUCCEEDED", "JOBSTATUS_CANCELLED", "JOBSTATUS_JOB_PAUSED", "JOBSTATUS_JOB_FAILED".

files.v4.r0.a2.config.Ldap - LDAP domain associated with the file server.[Up](#)

LDAP domain associated with the file server.

uri (optional)
[String](#) URI of the ldap domain.
 base (optional)
[String](#) Base DN
 binddn (optional)
[String](#) Bind DN
 bindpw (optional)
[String](#) LDAP password format: password
 tlsReqCert (optional)
[files.v4.r0.a2.config.TLSReqCertStatus](#)
 tlsCacertContent (optional)
[String](#) LDAP SSH certificate key
 protocolType
[files.v4.r0.a2.config.ProtocolType](#)

files.v4.r0.a2.config.ListMountTargetVirusScanPolicyApiResponse[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/mount-targets/{mountTargetExtId}/virus-scan-policy Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.ListObjectStoreApiResponse[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/object-store/profiles Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.ListVirusScanPolicyApiResponse[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/virus-scan-policy Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.LoadBalanceFileServerApiResponse[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/recommendations/{recommendationExtId}/\$actions/perform-recommendation Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.LoadBalanceSpec - Load balance model[Up](#)

Model associated with load balance file server.

scaleUp (optional)

[files.v4.r0.a2.config.ScaleUpSpec](#)

scaleOut (optional)

[files.v4.r0.a2.config.ScaleOutSpec](#)

files.v4.r0.a2.config.LocalDomain - Local domain object.

[Up](#)

Local domain object.

protocolType

[files.v4.r0.a2.config.ProtocolType](#)

files.v4.r0.a2.config.MigrationPair - Migration Pair

[Up](#)

Migration pair details

sourcePath

[String](#) <p>Absolute source path.</p> <p>For the source paths ending with '/', the contents will be copied directly into the target folder.\n For the paths, ending with name, a new folder with the same name will be created on the target server and then the data is synced."</p>

targetPath (optional)

[String](#) Absolute path for the target. For example: '/share1/dir1'. Path should always start with a root folder.

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

files.v4.r0.a2.config.MigrationPlan - Migration plan

[Up](#)

Migration plan details

name

[String](#) Migration plan name

sourceExtId

[String](#) Source ExtId for the migration plan

subPlans

[array\[files.v4.r0.a2.config.MigrationSubPlan\]](#)

description (optional)

[String](#) Description of migration plan

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

files.v4.r0.a2.config.MigrationPlanStatus - Plan status

[Up](#)

An enum that represents the plan status

files.v4.r0.a2.config.MigrationSource - Migration source

[Up](#)

Migration source details

alias

[String](#) Migration source alias

address

[String](#) Address object.

user (optional)

[String](#) User for the migration source

password (optional)

[String](#) DNS password.

description (optional)

[String](#) Description for migration source

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

files.v4.r0.a2.config.MigrationStats - Migration plan stats.

[Up](#)

Migration plan stats details

startTime (optional)
[String](#) Start time for the migration sub-plan.

endTime (optional)
[String](#) End time for the migration sub-plan.

bytesTransferred (optional)
[Long](#) The transferred bytes for the migration sub-plan. format: int64

filesTransferred (optional)
[Long](#) The number of the transferred files for the migration sub-plan. format: int64

directoriesTransferred (optional)
[Long](#) The number of the transferred directories for the migration sub-plan. format: int64

failedFilesCount (optional)
[Long](#) The number of the transferred failed files for the migration sub-plan. format: int64

failedDirectoriesCount (optional)
[Long](#) The number of the transferred failed directories for the migration sub-plan. format: int64

averageDataThroughput (optional)
[Float](#) The average data throughput for migration sub-plan in bytes/sec. format: float

averageEntitiesThroughput (optional)
[Long](#) The average entities throughput for migration sub-plan in entities/sec. format: int64

averageFilesScannedRate (optional)
[Long](#) The average average file scan rate for migration sub-plan in files/sec. format: int64

filesScanned (optional)
[Long](#) The number of migration sub-plan files scanned. format: int64

filesSkipped (optional)
[Long](#) The number of migration sub-plan files skipped. format: int64

streamsTransferred (optional)
[Long](#) The number of migration sub-plan streams transferred. format: int64

failedStreamsCount (optional)
[Long](#) The number of migration sub-plan failed streams. format: int64

bytesMetadataTransferred (optional)
[Long](#) The number of migration sub-plan bytes metadata transferred. format: int64

statusInfo (optional)
[files.v4.r0.a2.config.StatusInfo](#)

iterationNumber (optional)
[Long](#) The iteration number for Migration sub-plan. format: int64

extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

files.v4.r0.a2.config.MigrationSubPlan - Migration sub plan

[Up](#)

Migration sub plan details

name (optional)
[String](#) Migration sub plan name

migrationPair
[files.v4.r0.a2.config.MigrationPair](#)

protocol
[files.v4.r0.a2.config.SourceShareProtocolType](#)

isSyncTypeMirror (optional)
[Boolean](#) Flag for sync type. If it is false, then source will be only synced. If it is true, then source will be mirrored on target.

nfsOptions (optional)
[files.v4.r0.a2.config.NfsOptions](#)

extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

files.v4.r0.a2.config.MimeTypeResponse - Response for the get mimetype of files.

[Up](#)

Response for the get mimetype of files.

fileSpecs (optional)
[array\[files.v4.r0.a2.config.FileInfoSpec\]](#)

files.v4.r0.a2.config.MimeTypeResponseApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/mount-targets/{mountTargetExtId}/files Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [files.v4.r0.a2.config.MimeTypeResponse](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.MountTarget - Mount target object.

[Up](#)

Mount target object.

name
[String](#) Mount target name.

description (optional)
[String](#) Mount target description.

fileServerExtId (optional)
[String](#) The {extId} of the file server. This is a read-only field.

maxSizeGib (optional)
[Long](#) Maximum size of mount target in GiB. format: int64

type
[files.v4.r0.a2.config.MountTargetType](#)

path (optional)
[String](#) Path of the nested mount target.

parentMountTargetExtId (optional)
[String](#) {extId} of the parent mount target. This is a read-only field.

enableCompression (optional)
[Boolean](#) Flag to enable compression. This field will be deprecated.

isEnabledCompression (optional)
[Boolean](#) Flag to enable compression.

fileBlockingExtensions (optional)
[array\[String\]](#) Comma-separated list of file blocking extensions.

protocol
[files.v4.r0.a2.config.ProtocolTypeMountTarget](#)

secondaryProtocol (optional)
[array\[files.v4.r0.a2.config.ProtocolTypeMountTarget\]](#) List of secondary protocol type for the mount target. The acceptable values are "SMB";, "NFS";, "NONE";, "INCOMPATIBLE";.

enablePreviousVersion (optional)
[Boolean](#) Flag to enable windows previous version. This field will be deprecated.

isEnabledPreviousVersion (optional)
[Boolean](#) Flag to enable windows previous version.

smbProperties (optional)
[files.v4.r0.a2.config.SmbProtocol](#)

nfsProperties (optional)
[files.v4.r0.a2.config.NfsProtocol](#)

multiProtocolProperties (optional)
[files.v4.r0.a2.config.MultiProtocol](#)

blockedClients (optional)
[files.v4.r0.a2.config.BlockedClients](#)

statusType (optional)
[files.v4.r0.a2.config.StatusType](#)

state (optional)
[files.v4.r0.a2.config.MountTargetState](#)

longnameEnabled (optional)
[Boolean](#) Enable long name support. This field will be deprecated.

isLongnameEnabled (optional)
[Boolean](#) Enable long name support.

wormSpec (optional)
[files.v4.r0.a2.config.WormSpec](#)

workloadType (optional)
[files.v4.r0.a2.config.MountTargetWorkloadType](#)

extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

files.v4.r0.a2.config.MountTargetApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/mount-targets/{mountTargetExtId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.config.MountTarget](#) [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.MountTargetListApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/mount-targets Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.MountTargetSnapshotApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/mount-targets/{mountTargetExtId}/snapshots/{snapshotExtId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.config.Snapshot](#) [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.MountTargetSnapshotListApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/mount-targets/{mountTargetExtId}/snapshots Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.MountTargetState - Mount target state

[Up](#)

State of the mount target. The acceptable values are "ONLINE" or "OFFLINE". This is a read-only field.

files.v4.r0.a2.config.MountTargetType - Supported mount target types.

[Up](#)

Supported mount target types. The acceptable values are "HOMES", "GENERAL", "DISTRIBUTED", "STANDARD".

files.v4.r0.a2.config.MountTargetVirusScanPolicyApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/mount-targets/{mountTargetExtId}/virus-scan-policy/{virusScanPolicyExtId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.config.VirusScanPolicyMountTarget](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.MountTargetWorkloadType - Supported mount target workload types.

[Up](#)

Supported mount target workload types. The acceptable values are "RANDOM", "DEFAULT", "SEQUENTIAL".

files.v4.r0.a2.config.MultiProtocol - Multi protocol object.

[Up](#)

Multi protocol object.

enableConcurrentReads (optional)

[Boolean](#) Flag to enable concurrent reads. This field will be deprecated.

isEnableConcurrentReads (optional)

[Boolean](#) Flag to enable concurrent reads.

enableCasesensitiveNamespace (optional)

[Boolean](#) Flag to enable case sensitive name space. This field will be deprecated.

isEnableCasesensitiveNamespace (optional)

[Boolean](#) Flag to enable case sensitive name space.

enableSymlinkCreation (optional)

[Boolean](#) Flag to enable symlink creation. This field will be deprecated.

isEnableSymlinkCreation (optional)

[Boolean](#) Flag to enable symlink creation.

`enableSimultaneousAccess` (optional)
[Boolean](#) Flag to enable simultaneous access. This field will be deprecated.

`isEnableSimultaneousAccess` (optional)
[Boolean](#) Flag to enable simultaneous access.

files.v4.r0.a2.config.NameServiceSpec - Configure name service

[Up](#)

Configure the name services model.

`adDomain` (optional)
[files.v4.r0.a2.config.Ad](#)

`ldapDomain` (optional)
[files.v4.r0.a2.config.Ldap](#)

`localDomain` (optional)
[files.v4.r0.a2.config.LocalDomain](#)

`nfsVersion` (optional)
[files.v4.r0.a2.config.NfsVersion](#)

`nfsV4Domain` (optional)
[String](#) NFS V4 domain associated with the file server.

files.v4.r0.a2.config.NameServicesApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/name-services Get operation

`metadata` (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

`data` (optional)
 oneOf: [files.v4.r0.a2.config.NameServiceSpec](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.NestedMountTargetListApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/mount-targets/{mountTargetExtId}/nested-mount-targets Get operation

`metadata` (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

`data` (optional)
 oneOf: [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.Network - File server network object.

[Up](#)

File server network object.

`networkExtId` (optional)
[String](#) UUID of the the file server network.

`vlanId` (optional)
[Integer](#) File server network VLAN Id.

`virtualIpAddress` (optional)
[common.v1.r0.a3.config.IpAddress](#)

`virtualNetworkName` (optional)
[String](#) File server network name. This is a read-only field.

`subnetMask` (optional)
[common.v1.r0.a3.config.IpAddress](#)

`defaultGateway` (optional)
[common.v1.r0.a3.config.IpAddress](#)

`ipv6PrefixLength` (optional)
[Integer](#) Prefix length for IPV6 address

`ipAddresses` (optional)
[array\[common.v1.r0.a3.config.IpAddress\]](#) IPV4 address range to be used in this network.

`isManaged` (optional)
[Boolean](#) Indicates whether the current file server network is managed or unmanaged. This is a read-only field.

`extId` (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.

`links` (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

files.v4.r0.a2.config.NetworkGetByExtIdApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/networks/{extId} Get operation

`metadata` (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.config.Network](#) [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.NetworkListApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/networks Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.NfsIdentitiesMapping - NFS mapping

[Up](#)

NFS mapping model.

mappingType (optional)

[files.v4.r0.a2.config.IdentityMappingType](#)

actionType (optional)

[files.v4.r0.a2.config.IdentityActionType](#)

name (optional)

[String](#) NFS user name.

files.v4.r0.a2.config.NfsOptions - NFS options.

[Up](#)

NFS options details.

hardlinkOptimization (optional)

[Boolean](#) Hard link optimization for NFS.

authType (optional)

[files.v4.r0.a2.config.AuthType](#)

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

files.v4.r0.a2.config.NfsProtocol - NFS protocol object.

[Up](#)

NFS protocol object.

authenticationType (optional)

[files.v4.r0.a2.config.FilesAuthenticationType](#)

clientAccessType (optional)

[files.v4.r0.a2.config.ClientAccessType](#)

squashType (optional)

[files.v4.r0.a2.config.SquashType](#)

anonymousIdentifier (optional)

[files.v4.r0.a2.config.AnonymousIdentifier](#)

files.v4.r0.a2.config.NfsVersion - NFS version associated with the file server

[Up](#)

NFS version associated with the file server. The acceptable values are "NFSV4", "NFSV3", "NFSV3V4".

files.v4.r0.a2.config.OneScheduleSpec - Schedules for each day.

[Up](#)

Schedule for each day of week.

startTimeHours

[Long](#) Start time hour of the schedule format: int64

startTimeMinutes

[Long](#) Start time minute of the schedule format: int64

durationMinutes

[Long](#) The time difference between the start and the end time of schedule in minutes format: int64

files.v4.r0.a2.config.OneToOneMapping - One to one mapping

[Up](#)

One to one mapping model.

identityMappingType (optional)

[files.v4.r0.a2.config.IdentityMappingType](#)

smbMapping (optional)

[files.v4.r0.a2.config.SmbIdentitiesMapping](#)

nfsMapping (optional)
[files.v4.r0.a2.config.NfsIdentitiesMapping](#)

files.v4.r0.a2.config.PerDayScheduleSpec - Per day tiering schedule

[Up](#)

Per day tiering schedule model

dayOfWeek
[Long](#) Day of the week for tiering schedule. 1 starting with sunday. format: int64

startTime (optional)
[files.v4.r0.a2.config.ScheduleTime](#)

endTime (optional)
[files.v4.r0.a2.config.ScheduleTime](#)

schedules (optional)
[array\[files.v4.r0.a2.config.OneScheduleSpec\]](#)

files.v4.r0.a2.config.PolicyStatus - Status

[Up](#)

<p>Depicts the overall state of the policy. It is a readonly field.</p> <p>The following policy status is supported</p> STATUS_ENABLED: All the subpolicies in a policy are in an enabled state. STATUS_DISABLED: All the subpolicies in a policy are in a disabled state. STATUS_PARTIALLY_DISABLED: Some of the subpolicies in a policy are in a disabled state and other are in an enabled state.

status (optional)
[files.v4.r0.a2.config.Status](#)

code (optional)
[String](#) A code that uniquely identifies a message.

message (optional)
[String](#)

locale (optional)
[String](#) The locale for the message description.

severity (optional)
[common.v1.r0.a3.config.MessageSeverity](#)

files.v4.r0.a2.config.PrincipalType - Principal type

[Up](#)

Principle type of quota policy. The acceptable values are "USER" or "GROUP".

files.v4.r0.a2.config.PrincipalTypeByPrincipalValue - Validate principal type and value

[Up](#)

Validate principal type and value for the provided mount target.

principalValue
[String](#) Principal value is the name of the user or group, assigned to the principal type.

principalType
[files.v4.r0.a2.config.PrincipalType](#)

protocolType
[files.v4.r0.a2.config.ProtocolTypeMountTarget](#)

files.v4.r0.a2.config.PrincipalTypeByPrincipalValueApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/mount-targets/{mountTargetExtId}/principal-type Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [files.v4.r0.a2.config.PrincipalTypeByPrincipalValue](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.ProtectedEntity - Protected entity

[Up](#)

This contains source and target configuration belonging to a sub policy.

sourceMountTargetExtId (optional)
[String](#) The {extId} of the mount target. Example:9c1e537d-6777-4c22-5d41-ddd0c3337aa9.

sourceMountTargetPath (optional)
[String](#) Path of the nested mount target.

targetMountTargetExtId (optional)
[String](#) The {extId} of the mount target. Example:9c1e537d-6777-4c22-5d41-ddd0c3337aa9.

files.v4.r0.a2.config.ProtectedFileServerPair - Protected file server pair details.

[Up](#)

Protected file server pair model.

owningFileServerExtId (optional)
[String](#) The {extId} of the owning file server. This is a read-only field

policyExtIds (optional)
[array\[String\]](#) The {extId} of the data protection policy.

fileServerState (optional)
[files.v4.r0.a2.config.FileServerState](#)

status (optional)
[files.v4.r0.a2.config.ActionStatus](#)

primaryFileServerExtId (optional)
[String](#) The {extId} of the primary file server. This is a read-only field.

targetFileServerExtId (optional)
[String](#) The {extId} of the target file server. This is a read-only field.

files.v4.r0.a2.config.ProtectedPairsApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/data-protection/protected-pairs/{protectedPairExtId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [files.v4.r0.a2.config.ProtectedFileServerPair](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.ProtectedPairsListApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/data-protection/protected-pairs Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.ProtocolType - Protocol type for file server.

[Up](#)

Protocol type for file server. The acceptable values are "SMB", "NFS", "SMB_NFS", "NONE".

files.v4.r0.a2.config.ProtocolTypeMountTarget - Protocol type of the mount target.

[Up](#)

Protocol type of the mount target. The acceptable values are "SMB", "NFS", "NONE", "INCOMPATIBLE".

files.v4.r0.a2.config.QuarantineInfectedFilesApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/\$actions/quarantine-infected-files Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.QuotaEmailConfig - Quota policy email configuration

[Up](#)

Quota policy email configuration

subject (optional)
[String](#) Email subject

content (optional)
[String](#) Email content

files.v4.r0.a2.config.QuotaPolicy - Quota policy.

[Up](#)

Quota policy model.

mountTargetExtId (optional)
[String](#) The {extId} of the mount target. Example:9c1e537d-6777-4c22-5d41-ddd0c3337aa9.

principalType
[files.v4.r0.a2.config.PrincipalType](#)

principalValue
[String](#) Principal value is the name of the user or group, assigned to the principal type.

sizeInBytes
[Long](#) Quota size in bytes. format: int64

enforcementType
[files.v4.r0.a2.config.EnforcementType](#)

notificationRecipients (optional)
[array\[String\]](#) List of recipients emails.

enableNotifications (optional)

[Boolean](#) Enable email notifications for the user or group defined in the principal type. Notification will be sent, only if the user or groups are close to the quota provided. This field will be deprecated.

isEnabledNotifications (optional)

[Boolean](#) Enable email notifications for the user or group defined in the principal type. Notification will be sent, only if the user or groups are close to the quota provided.

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

files.v4.r0.a2.config.QuotaPolicyApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/mount-targets/{mountTargetExtId}/quota-policies/{quotaPolicyExtId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.config.QuotaPolicy](#) [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.QuotaPolicyListApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/mount-targets/{mountTargetExtId}/quota-policies Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.RansomwareConfig - Ransomware configuration

[Up](#)

Ransomware configuration information.

ransomwareEnabled (optional)

[Boolean](#) Enable / disable ransomware protection.

ransomwarePatterns (optional)

[array\[String\]](#) Ransomware file patterns. Ex - *.txt, ?.db

files.v4.r0.a2.config.RansomwareConfigApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/ransomware-config Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.config.RansomwareConfig](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.Recommendation - File server recommendation

[Up](#)

File server recommendation description.

extId (optional)

[String](#) The {extId} of the file server recommendation. This is a read-only field.

recommendationType (optional)

[files.v4.r0.a2.config.RecommendationType](#)

numberOfExpectedVms (optional)

[Integer](#) The recommended number of file server VMs. format: int32

files.v4.r0.a2.config.RecommendationApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/recommendations Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.RecommendationType - File server recommendation type

[Up](#)

File server recommendation type details. The acceptable values are "SCALEUP", "SCALEOUT", "REBALANCE".

files.v4.r0.a2.config.RemoveDnsEntriesApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/\$actions/remove-dns-entries Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.RemoveInfectedFilesApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/\$actions/remove-infected-files Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.ReplicationJob - Replication job

[Up](#)

Contains details of replicated job.

policyExtId (optional)
[String](#) ExtId of the policy.
 mountTargetExtId (optional)
[String](#) The {extId} of the mount target. Example:9c1e537d-6777-4c22-5d41-ddd0c3337aa9.
 status (optional)
[files.v4.r0.a2.config.JobStatus](#)
 startTime (optional)
[String](#) Start time for the replication job.
 startTimeISO8601 (optional)
[String](#) Start time for the replication job in ISO format.
 endTime (optional)
[String](#) End time for the replication job.
 endTimeISO8601 (optional)
[String](#) End time for the replication job in ISO format.
 duration (optional)
[String](#) The time difference between the start and the end time of the job.
 durationISO8601 (optional)
[String](#) The time difference between the start and the end time of the job in ISO format.
 extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.
 links (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

files.v4.r0.a2.config.ReplicationJobApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/data-replication-jobs/{replicationJobExtId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [files.v4.r0.a2.config.ReplicationJob](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.ReplicationJobListApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/data-replication-jobs Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.ReplicationSummary - Replication summary

[Up](#)

Replication summary as per the last running jobs of the targeted mount targets. It is a readonly field.

status (optional)
[files.v4.r0.a2.config.Summary](#)
 code (optional)
[String](#) A code that uniquely identifies a message.
 message (optional)

[String](#)

locale (optional)

[String](#) The locale for the message description.

severity (optional)

[common.v1.r0.a3.config.MessageSeverity](#)**files.v4.r0.a2.config.RescanInfectedFilesApiResponse**[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/\$actions/rescan-infected-files Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a1.config.TaskReference](#)[files.v4.r0.a2.error.ErrorResponse](#)**files.v4.r0.a2.config.ResetInfectedFilesApiResponse**[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/\$actions/reset-infected-files Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a1.config.TaskReference](#)[files.v4.r0.a2.error.ErrorResponse](#)**files.v4.r0.a2.config.ResolveAlertsApiResponse**[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/alerts/\$actions/resolve Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.error.ErrorResponse](#)**files.v4.r0.a2.config.ResolveAlertsResponse - Resolve alert**[Up](#)

Response for resolve alert

id (optional)

[String](#) Alert UUID

message (optional)

[String](#) Message corresponding to alert resolve request.

successful (optional)

[Boolean](#) This field indicates if the alert is resolved.**files.v4.r0.a2.config.Response - Generic CRUD response**[Up](#)

Generic CRUD response details

status (optional)

[Boolean](#) Generic CRUD response details. This field will be deprecated.

isStatus (optional)

[Boolean](#) Generic CRUD response details

message (optional)

[String](#) Generic response message

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.**files.v4.r0.a2.config.RuleBasedMapping - Rule based mapping.**[Up](#)

Rule based mapping model.

templateMapping (optional)

[files.v4.r0.a2.config.TemplateMappingType](#)

smbWithNoMappings (optional)

[array\[files.v4.r0.a2.config.SmbIdentitiesMapping\]](#)

nfsWithNoMappings (optional)

[array\[files.v4.r0.a2.config.NfsIdentitiesMapping\]](#)**files.v4.r0.a2.config.ScaleOutSpec - Scale out of a file server**[Up](#)

Scale out of a file server.

numberOfExpectedVms (optional)

[Integer](#) The recommended number of file server VMs. format: int32

internalIpAddresses (optional)

[array\[common.v1.r0.a3.config.IPAddress\]](#) List of internal network IP addresses.

externalIpAddresses (optional)

[array\[common.v1.r0.a3.config.IPAddress\]](#) List of external network IP addresses.

files.v4.r0.a2.config.ScaleUpSpec - Scale up of a file server

[Up](#)

Scale up of a file server.

memoryGib (optional)

[Long](#) Memory associated with the file server VM. format: int64

vcpus (optional)

[Long](#) CPU associated with the file server VM. format: int64

files.v4.r0.a2.config.Schedule - Schedules

[Up](#)

This contains the schedule for all the policy. This has the start time and frequency information of the policy.

multiple

[Integer](#) RPO (Integer values are multiplied by schedule type to get the next scheduled repetition time).
format: int32

scheduleType

[files.v4.r0.a2.config.ScheduleType](#)

startTime (optional)

[String](#) Time of the day, the policy will be started. If the value not set, the policy will be applicable immediately.

startTimeISO8601 (optional)

[String](#) Time of the day, the policy will be started. If the value not set, the policy will be applicable immediately.

files.v4.r0.a2.config.ScheduleTime - Time of the day

[Up](#)

Time of the day for starting or ending the tier schedule.

hour

[Long](#) Hour of the day format: int64

minute

[Long](#) Minute value format: int64

files.v4.r0.a2.config.ScheduleType - Schedule type

[Up](#)

Schedule type defines the following values

- SCHEDULETYPE_YEARLY: To repeat the schedule on an `Yearly` basis.
- SCHEDULETYPE_MONTHLY: To repeat the schedule on a `Monthly` basis.
- SCHEDULETYPE_WEEKLY: To repeat the schedule on a `Weekly` basis.
- SCHEDULETYPE_DAILY: To repeat the schedule on a `Daily` basis.
- SCHEDULETYPE_HOURLY: To repeat the schedule on an `Hourly` basis.
- SCHEDULETYPE_MINUTELY: To repeat the schedule on a `Minute` basis.
- SCHEDULETYPE_SECONDS: To repeat the schedule on a `Second` basis.

files.v4.r0.a2.config.SearchMappingType - Search mapping type

[Up](#)

Search mapping type. The acceptable values are `"SMB_TO_NFS"`; or `"NFS_TO_SMB"`;

files.v4.r0.a2.config.SearchUserMappingPOSTResponses

[Up](#)

REST response for all response codes in api path `/files/v4.0.a2/config/file-server/$actions/search-user-mapping` Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[oneOf: files.v4.r0.a2.config.SearchUserMappingResponseSpec](#)

[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.SearchUserMappingRequestSpec - Search user mapping Request

[Up](#)

Search user mapping model

namelds

[array\[String\]](#) Name or Id for searching the user mapping.

searchMappingType (optional)

[files.v4.r0.a2.config.SearchMappingType](#)

mappingType (optional)

[files.v4.r0.a2.config.IdentityMappingType](#)

actionType (optional)

[files.v4.r0.a2.config.IdentityActionType](#)

files.v4.r0.a2.config.SearchUserMappingResponseSpec - Search User mapping Response

[Up](#)

Details of the queried user mapping.

searchedEntry (optional)
[files.v4.r0.a2.config.SearchUserMappingRequestSpec](#)
 mappedEntry (optional)
[array\[files.v4.r0.a2.config.SearchUserMappingRequestSpec\]](#)
 optionType (optional)
[files.v4.r0.a2.config.IdentityMappingOptionType](#)

files.v4.r0.a2.config.SmbIdentitiesMapping - SMB mapping

[Up](#)

SMB mapping details

mappingType (optional)
[files.v4.r0.a2.config.IdentityMappingType](#)
 actionType (optional)
[files.v4.r0.a2.config.IdentityActionType](#)
 userId (optional)
[Integer](#) SMB user Id format: int32
 groupId (optional)
[Integer](#) SMB group Id format: int32
 name (optional)
[String](#) SMB user name

files.v4.r0.a2.config.SmbProtocol - SMB protocol object.

[Up](#)

SMB protocol object.

enableAccessBasedEnumeration (optional)
[Boolean](#) Flag to enable access based enumeration. This field will be deprecated.
 isEnableAccessBasedEnumeration (optional)
[Boolean](#) Flag to enable access based enumeration.
 enableSmb3Encryption (optional)
[Boolean](#) Flag to enable SMB3 encryption. This field will be deprecated.
 isEnableSmb3Encryption (optional)
[Boolean](#) Flag to enable SMB3 encryption.
 enableCa (optional)
[Boolean](#) Flag to enable continuous availability feature for SMB mount targets. This field will be deprecated.
 isEnableCa (optional)
[Boolean](#) Flag to enable continuous availability feature for SMB mount targets.

files.v4.r0.a2.config.Snapshot - Mount target snapshot model

[Up](#)

Mount target snapshot model.

mountTargetExtId (optional)
[String](#) The {extId} of the mount target. Example:9c1e537d-6777-4c22-5d41-ddd0c3337aa9.
 fileServerExtId (optional)
[String](#) The {extId} of the file server. This is a read-only field.
 name (optional)
[String](#) Mount target snapshot name.
 createTime (optional)
[Long](#) Mount target snapshot created time. format: int64
 totalSpaceBytes (optional)
[Long](#) Mount target snapshot total space in bytes. format: int64
 reclaimableSpaceBytes (optional)
[Long](#) Mount target snapshot reclaimable space in bytes. format: int64
 creator (optional)
[files.v4.r0.a2.config.SnapshotCreator](#)
 extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.
 links (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

files.v4.r0.a2.config.SnapshotCreator - Snapshot creator

[Up](#)

Mount target snapshot creator type. The acceptable values are "SSR_SNAPSHOT", "BACKUP_SNAPSHOT", "REPLICATION_SNAPSHOT".

files.v4.r0.a2.config.SnapshotScheduleType - SSR snapshot schedule schedule type

[Up](#)

SSR snapshot schedule schedule type. The acceptable values are "HOURLY", "DAILY", "WEEKLY", "MONTHLY". If user passes this value as WEEKLY, then daysOfWeek becomes a required field. If user passes this value as MONTHLY, then daysOfMonth becomes a required field.

files.v4.r0.a2.config.SourceShareProtocolType - Source share protocol type

[Up](#)

An enum that represents the source share protocol type

files.v4.r0.a2.config.SquashType - Squash type of the mount target.

[Up](#)

Squash type of the mount target. The acceptable values are "ROOT_SQUASH", "ALL_SQUASH", "NONE".

files.v4.r0.a2.config.SsrSnapshotPolicy - SSR snapshot policy

[Up](#)

SSR snapshot policy model

name
[String](#) SSR snapshot policy name

description (optional)
[String](#) SSR snapshot policy description

isDefault (optional)
[Boolean](#) Indicates if this is a default SSR snapshot policy

extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

files.v4.r0.a2.config.SsrSnapshotSchedule - SSR snapshot schedule model

[Up](#)

SSR snapshot schedule model

snapshotScheduleType
[files.v4.r0.a2.config.SnapshotScheduleType](#)

snapshotScheduleFrequency
[Integer](#) Frequency of snapshots. format: int32

daysOfWeek (optional)
[array\[Integer\]](#) Number of days of week for snapshot to be taken. format: int32

daysOfMonth (optional)
[array\[Integer\]](#) Number of days of month for snapshot to be taken. format: int32

localMaxSnapshots
[Integer](#) The maximum number of snapshots to be kept locally. format: int32

extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

files.v4.r0.a2.config.SsrSnapshotScheduleApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/ssr-snapshot-schedules/{ssrSnapshotScheduleExtId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [files.v4.r0.a2.config.SsrSnapshotSchedule](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.SsrSnapshotScheduleListApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/ssr-snapshot-schedules Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.Status - Status

[Up](#)

Status for policy. The acceptable values are `<code>PROGRESS</code>`, `<code>PASSED</code>`, `<code>FAILED</code>`, `<code>PENDING</code>`, `<code>SUCCEEDED</code>`, `<code>ENABLED</code>`, `<code>DISABLED</code>`, `<code>PARTIALLY_DISABLED</code>`.

files.v4.r0.a2.config.StatusInfo - Status Info

[Up](#)

Status info details

status

[files.v4.r0.a2.config.MigrationPlanStatus](#)

statusMsg

[String](#) Status message

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

files.v4.r0.a2.config.StatusType - Status type

[Up](#)

Status type. The acceptable values are `"AVAILABLE"`; or `"UNAVAILABLE"`;

files.v4.r0.a2.config.SubPlanList - Sub plan List

[Up](#)

Subplan list details

subPlanExtIds

[array\[String\]](#)

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

files.v4.r0.a2.config.SubPolicy

[Up](#)

This contains list of sub policies. Sub policy is combination of sourceEntity, targetEntity and sourceTargetMap.

extId (optional)

[String](#)

sourceFileServerExtId

[String](#) The {extId} of the file server. This is a read-only field.

targetFileServerExtId

[String](#) The {extId} of the target file server. This is a read-only field.

protectedEntities (optional)

[array\[files.v4.r0.a2.config.ProtectedEntity\]](#) This contains list of source target entity belongs to a sub policy.

schedules (optional)

[array\[files.v4.r0.a2.config.Schedule\]](#) This contains details of snapshot schedules. It contains the start time of the replication and frequency of the replication.

includeNewMountTargets (optional)

[Boolean](#) This field talks about if all the mount targets in file server are included in the policy. By default it is always true.If specific mount targets are selected then we should mark this field as false.

isReversePolicy (optional)

[Boolean](#) This flag indicates if this policy has been used for reverse replication.

policyStatus (optional)

[files.v4.r0.a2.config.PolicyStatus](#)

replicationSummary (optional)

[files.v4.r0.a2.config.ReplicationSummary](#)

files.v4.r0.a2.config.Summary - Summary

[Up](#)

This contains summary for replication and contains values. The acceptable values are `"SUMMARY_MET"`;, `"SUMMARY_MISSED"`;, `"SUMMARY_PAUSED"`;, `"SUMMARY_REPLICATION_ERROR"`;

files.v4.r0.a2.config.SynchronizationPathEntity - Data synchronization path entity.

[Up](#)

Data synchronization path entity.

syncPath

[String](#) Data synchronization path

files.v4.r0.a2.config.SynchronizationPathEntityResponse - Data synchronization path entity validation response.

[Up](#)

Data synchronization path entity validation response.

syncPath (optional)
[String](#) Data synchronization path

errorMessage (optional)
[String](#) Data synchronization path error message.

files.v4.r0.a2.config.SynchronizationPaths - Data synchronization paths

[Up](#)

Data synchronization paths.

syncPathEntities
[array\[files.v4.r0.a2.config.SynchronizationPathEntity\]](#) Data synchronization path entities.

files.v4.r0.a2.config.SynchronizationPathsValidationApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/data-synchronization/\$actions/validate Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
oneOf: [files.v4.r0.a2.config.SynchronizationPathsValidationResponse](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.SynchronizationPathsValidationResponse - Data synchronization path validation response.

[Up](#)

Data synchronization path validation response.

syncPathEntitiesResponse (optional)
[array\[files.v4.r0.a2.config.SynchronizationPathEntityResponse\]](#) Data synchronization path entities
 validation response.

files.v4.r0.a2.config.TLSReqCertStatus - TLSReqCert type corresponding to TLSReqCertStatus.

[Up](#)

TLSReqCert Type corresponding to TLSReqCertStatus. The acceptable values are "ALLOW", "DEMAND", "NEVER".

files.v4.r0.a2.config.TemplateMappingType - Template mapping

[Up](#)

Template mapping type. The acceptable values are "NO_TEMPLATE_MAPPING", "SMB_NAME_NFS_NAME", "NO_MAPPING".

files.v4.r0.a2.config.TestConnectionAntivirusServerApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/anti-virus-servers/{antivirusServerExtId}/\$actions/test-connection Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
oneOf: [files.v4.r0.a2.config.Response](#) [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.TierData - Tiering data model.

[Up](#)

Model for tier data.

durationInSeconds (optional)
[Long](#) Duration (in seconds) for which the tiering action should run. If not provided tiering will run until the memory has reached the threshold capacity value. format: int64

files.v4.r0.a2.config.TierDataApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/\$actions/tier-data Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
oneOf: [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.TierFileInfo - Tier request specification

[Up](#)

Request body specification for tier, recall and tier status APIs.

isSingleDirTree (optional)
[Boolean](#) Boolean to indicate if all files belong to the same VG.

singleDirTree (optional)
[Boolean](#) Boolean to indicate if all files belong to the same VG. This field will be deferred in future.

mountTargetExtId
[String](#) The {extId} of the mount target. Example:9c1e537d-6777-4c22-5d41-ddd0c3337aa9.

filePath (optional)

[array\[String\]](#) Path of the file to be tiered relative to root Mount target.

inodeNumber (optional)

[array\[String\]](#) List of inode numbers strings. Inode number should be in the format Inode/Inode:GenId.

files.v4.r0.a2.config.TierFilesApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/\$actions/recall-files Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.config.TierResponseSpec](#)

[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.TierRefreshColdDataApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/\$actions/refresh-cold-data Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.TierRequestSpec - Tier request specification

[Up](#)

Request body specification for tier, recall and tier status APIs.

fileServerExtId (optional)

[String](#) The {extId} of the file server. This is a read-only field.

tierFileInfo

[array\[files.v4.r0.a2.config.TierFileInfo\]](#) Contains file paths and Mount target information for tier request.

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

files.v4.r0.a2.config.TierRequestStatus - Tier request status

[Up](#)

Tier request status. The acceptable values are "ACCEPTED" or "NOT_ACCEPTED";.

files.v4.r0.a2.config.TierResponseSpec - Tier response specification

[Up](#)

Response body for tier and recall APIs.

status (optional)

[files.v4.r0.a2.config.TierRequestStatus](#)

errorCode (optional)

[Integer](#) Error code for tiering.

errorMessage (optional)

[String](#) Error message for tiering.

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

files.v4.r0.a2.config.TieringConfig - Tier configuration

[Up](#)

Request body specification for tiering configuration APIs.

capacityThreshold (optional)

[Long](#) Capacity threshold for tiering. format: int64

schedule (optional)

[array\[files.v4.r0.a2.config.PerDayScheduleSpec\]](#) Tiering schedule for on-prem tiering.

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

files.v4.r0.a2.config.TieringObjectStoreProfile - Object store profile

[Up](#)

Object store profile specification.

fileServerExtId (optional)

[String](#) The {extId} of the file server. This is a read-only field.

mountTargetExtIds (optional)

[array\[String\]](#) The {extId} of the mount target. Example:9c1e537d-6777-4c22-5d41-ddd0c3337aa9.

tieringObjectStoreType (optional)

[files.v4.r0.a2.config.TieringObjectStoreType](#)

profileName (optional)

[String](#) Object store cloud profile name

accessKey (optional)

[String](#) Access key

secretKey (optional)

[String](#) Secret key

baseUrl (optional)

[String](#) Base URL

bucketName (optional)

[String](#) Bucket name

caCertContent (optional)

[String](#) CA certificate

enableSslVerifyPeer (optional)

[Boolean](#) Enable SSL verify peer certificate

enableMountTargets (optional)

[files.v4.r0.a2.config.EnableMountTargets](#)

retentionPeriod (optional)

[Integer](#) Time in days for which the data will be maintained in the cloud after it is deleted from local storage on the file server.

proxyServer (optional)

[String](#) HTTP proxy server address

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

files.v4.r0.a2.config.TieringObjectStoreType - Object store type

[Up](#)

Object store. The acceptable values are "NUTANIX", "AWS", "GCP", "AZURE", "AWS_STANDARD_IA", "OTHER".

files.v4.r0.a2.config.TieringPolicy - Tiering policy

[Up](#)

Tiering policy model

cooloffPeriodInSeconds (optional)

[Long](#) Cool off period in seconds for tiering. Files older than a this time will be considered for tiering. format: int64

minimumFileSizeInBytes (optional)

[Long](#) Minimum file size for tiering. Files size greater than this will be considered for tiering. format: int64

isIncludeFutureShares (optional)

[Boolean](#) Indicates whether to include future shares to the tiering policy.

mountTargetExtIds (optional)

[array\[String\]](#) The {extId} of the mount target. Example:9c1e537d-6777-4c22-5d41-ddd0c3337aa9.

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

files.v4.r0.a2.config.UnQuarantineInfectedFilesApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/\$actions/unquarantine-infected-files Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.UpdateAdminUserApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/admin-users/{adminUserExtId} Put operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.config.AdminUser](#) [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.UpdateAntivirusServerApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/anti-virus-servers/{antivirusServerExtId} Put operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.config.AntivirusServer](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.UpdateDataConsolidationPolicyApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/data-consolidation-policies/{dataConsolidationPolicyExtId} Put operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.UpdateDataProtectionPolicyApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/data-protection-policies/{dataProtectionPolicyExtId} Put operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.UpdateFileServerApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server Put operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.UpdateFileServerUserApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/users/{fileServerUserExtId} Put operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.config.FileServerUser](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.UpdateGlobalBlockedClientApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/blocked-client Put operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.UpdateMountTargetApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/mount-targets/{mountTargetExtId} Put operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.UpdateMountTargetVirusScanPolicyApiResponse[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/mount-targets/{mountTargetExtId}/virus-scan-policy/{virusScanPolicyExtId} Put operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.config.VirusScanPolicyMountTarget](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.UpdateObjectStoreApiResponse[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/object-store/profiles/{profileExtId} Put operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.UpdateQuotaEmailConfigApiResponse[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/quota-email-config Put operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.config.QuotaEmailConfig](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.UpdateQuotaPolicyApiResponse[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/mount-targets/{mountTargetExtId}/quota-policies/{quotaPolicyExtId} Put operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.UpdateRansomwareConfigApiResponse[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/ransomware-config Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.config.RansomwareConfig](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.UpdateSsrSnapshotScheduleApiResponse[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/ssr-snapshot-schedules/{ssrSnapshotScheduleExtId} Put operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.config.SsrSnapshotSchedule](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.UpdateTieringConfigApiResponse[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/tier-config/{extId} Put operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.config.TieringConfig](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.UpdateTieringPolicyApiResponse[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/tier-policies/{extId} Put operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.UpdateUserMappingApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/user-mapping Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.UpdateVirusScanPolicyApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/virus-scan-policy/{virusScanPolicyExtId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [files.v4.r0.a2.config.VirusScanPolicy](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.UserMapping - User mapping

[Up](#)

User mapping model.

ruleBasedMapping (optional)
[files.v4.r0.a2.config.RuleBasedMapping](#)
 explicitMapping (optional)
[files.v4.r0.a2.config.ExplicitIdentityMapping](#)
 extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.
 links (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

files.v4.r0.a2.config.UserMappingListApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/user-mapping Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.VM - File server VM object.

[Up](#)

File server VM object.

extId (optional)
[String](#) Acropolis UUID of the file server VM. This is a read-only field.
 fsmUuid (optional)
[String](#) FSM UUID of the file server VM.
 name (optional)
[String](#) Name of the file server VM.
 memoryGib (optional)
[Long](#) Memory associated with the file server VM. format: int64
 vcpus (optional)
[Long](#) CPU associated with the file server VM. format: int64
 internalNetworks (optional)
[array\[files.v4.r0.a2.config.VMNetwork\]](#) List of internal networks associated with the file server VM.
 externalNetworks (optional)
[array\[files.v4.r0.a2.config.VMNetwork\]](#) List of external networks associated with the file server VM.

files.v4.r0.a2.config.VMNetwork - File server network object.

[Up](#)

File server network object.

vmNetworkExtId (optional)
[String](#) UUID of the network. This is a read-only field.
 ipAddresses
[array\[common.v1.r0.a3.config.IPAddress\]](#) IPV4 address range to be used in this network.

files.v4.r0.a2.config.VerifyDnsEntriesApiResponse[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/\$actions/verify-dns-entries Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.VirusScanPolicy - Virus scan policy[Up](#)

Antivirus server scan policy information.

fileServerExtId (optional)
[String](#) The {extId} of the file server. This is a read-only field.
 scanTimeoutIntervalInSecs (optional)
[Integer](#) Scan time interval in seconds.
 scanOnWrite (optional)
[Boolean](#) Scan on write policy.
 scanOnRead (optional)
[Boolean](#) Scan on read policy.
 fileSizeExclusionInBytes (optional)
[Long](#) File size exclusion. It is the size of a file below which AV scan won't run. Default value is 0 (run on all files). format: int64
 blockAccessFile (optional)
[Boolean](#) Indicates if the file access needs to be blocked for current policy.
 enableAntiVirus (optional)
[Boolean](#) Indicates if the antivirus server is enabled for current policy.
 fileTypeExclusions (optional)
[array\[String\]](#) File type exclusion list.
 extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.
 links (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

files.v4.r0.a2.config.VirusScanPolicyApiResponse[Up](#)

REST response for all response codes in api path /files/v4.0.a2/config/file-server/virus-scan-policy/{virusScanPolicyExtId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [files.v4.r0.a2.config.VirusScanPolicy](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.config.VirusScanPolicyMountTarget - Virus scan policy[Up](#)

Antivirus server scan policy information.

mountTargetExtId (optional)
[String](#) The {extId} of the mount target under which the virus scan policy is being created. This field will be set to null if it is a global policy.
 fileServerExtId (optional)
[String](#) The {extId} of the file server. This is a read-only field.
 scanTimeoutIntervalInSecs (optional)
[Integer](#) Scan time interval in seconds.
 scanOnWrite (optional)
[Boolean](#) Scan on write policy.
 scanOnRead (optional)
[Boolean](#) Scan on read policy.
 fileSizeExclusionInBytes (optional)
[Long](#) File size exclusion. It is the size of a file below which AV scan won't run. Default value is 0 (run on all files). format: int64
 blockAccessFile (optional)
[Boolean](#) Indicates if the file access needs to be blocked for current policy.
 enableAntiVirus (optional)
[Boolean](#) Indicates if the antivirus server is enabled for current policy.
 fileTypeExclusions (optional)
[array\[String\]](#) File type exclusion list.

files.v4.r0.a2.config.WildCardMapping - Wild card mapping[Up](#)

Wild card mapping model.

priority
[Integer](#) Identity mapping priority format: int32

identityMappingType (optional)
[files.v4.r0.a2.config.IdentityMappingType](#)

smbMapping (optional)
[files.v4.r0.a2.config.SmbIdentitiesMapping](#)

nfsMapping (optional)
[files.v4.r0.a2.config.NfsIdentitiesMapping](#)

files.v4.r0.a2.config.WormSpec - Worm share details.

[Up](#)

Worm share details.

wormType (optional)
[files.v4.r0.a2.config.WormType](#)

cooloffInterval (optional)
[Long](#) Cooloff interval for worm share. format: int64

retentionPeriod (optional)
[Long](#) Retention period for worm share. format: int64

files.v4.r0.a2.config.WormType - Worm type for share.

[Up](#)

Worm type for share. The acceptable values are "SHARE_LEVEL" or "DISABLED";.

files.v4.r0.a2.error.AppMessage

[Up](#)

This schema is generated from AppMessage.java

message (optional)
[String](#)

severity (optional)
[common.v1.r0.a3.config.MessageSeverity](#)

code (optional)
[String](#)

locale (optional)
[String](#) The locale for the message description.

errorGroup (optional)
[String](#)

argumentsMap (optional)
[map\[String, String\]](#)

files.v4.r0.a2.error.ErrorResponse

[Up](#)

This schema is auto-generated by the Open API Dev Platform as REST response for 4xx and 5xx error responses.

error (optional)
 oneOf: [files.v4.r0.a2.error.SchemaValidationError](#)

files.v4.r0.a2.error.MessageSeverity

[Up](#)

Enum schema MessageSeverity

files.v4.r0.a2.error.SchemaValidationError

[Up](#)

This schema is generated from SchemaValidationError.java

timestamp (optional)
[String](#)

statusCode (optional)
[Integer](#)

error (optional)
[String](#)

path (optional)
[String](#)

validationErrorMessage (optional)
[array\[files.v4.r0.a2.error.SchemaValidationErrorMessage\]](#)

files.v4.r0.a2.error.SchemaValidationErrorMessage

[Up](#)

This schema is generated from SchemaValidationErrorMessage.java

location (optional)

[String](#)

message (optional)

[String](#)

attributePath (optional)

[String](#)**files.v4.r0.a2.groups.Attribute** - Group query attribute[Up](#)

Group query attribute

attribute (optional)

[String](#)**files.v4.r0.a2.groups.GroupsQueryApiResponse**[Up](#)

REST response for all response codes in api path /files/v4.0.a2/groups/file-server Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[oneOf: files.v4.r0.a2.groups.GroupsQueryResponse](#)[files.v4.r0.a2.error.ErrorResponse](#)**files.v4.r0.a2.groups.GroupsQueryRequest** - Alerts group request[Up](#)

Alerts group request

entityType (optional)

[String](#) Entity type to get the alerts.

groupMemberSortAttribute (optional)

[String](#) Attribute name for sorting the results in group query response.

groupMemberSortOrder (optional)

[String](#) Attribute name for ordering the results in group query response.

groupMemberCount (optional)

[Long](#) Count of the entries requested in response. format: int64

groupMemberOffset (optional)

[Long](#) Offset of the entries returned in group query response. format: int64

filterCriteria (optional)

[String](#) Filter criteria for entries in group query response.

groupMemberAttributes (optional)

[array\[files.v4.r0.a2.groups.Attribute\]](#) Attributes of entries returned in group query response.**files.v4.r0.a2.groups.GroupsQueryResponse** - Group query response[Up](#)

Group query response

entityType (optional)

[String](#) Entity type to get the alerts.

filteredEntityCount (optional)

[Long](#) Count of the filtered entities returned in group query response. format: int64

filteredGroupCount (optional)

[Long](#) Count of the filtered groups returned in group query response. format: int64

totalEntityCount (optional)

[Long](#) Total entity count returned in group query response. format: int64

totalGroupCount (optional)

[Long](#) Total group count returned in group query response. format: int64

groupResults (optional)

[array\[Object\]](#) List of objects returned in group query response.**files.v4.r0.a2.infra.AttachmentType** - Volume group attachment type.[Up](#)

The type of the volume groups attachment. The acceptable values are "HYPERVISOR", "ISCSI".

files.v4.r0.a2.infra.CaCert - Root CA or ICA certificate.[Up](#)

Root CA or ICA certificate.

caCertificate (optional)

[String](#) Root CA or ICA certificate.

ownerClusterExtId (optional)

[String](#) Cluster UUID that owns the certificates.

ownerType (optional)

[files.v4.r0.a2.infra.OwnerType](#)

files.v4.r0.a2.infra.CaChain - Certificate chain to verify TLS certificates.

[Up](#)

Certificate chain to verify TLS certificates.

caCertificateList (optional)

[array\[String\]](#) List of TLS certificates for root CA and ICA.

example: ["-----BEGIN CERTIFICATE-----

MIIe/DCCA2SgAwIBAgIJAJ0aDnO/8eJpMA0GCSqGSIb3DQEBCwUAMFYxEzARBgNVBAMMCIBDLVJvb3QtQ0ExEDAOBgNVBAoMB051dGFuaXgxLTArBgNVBAQMJDgyM2Q

-----END CERTIFICATE-----", "-----BEGIN CERTIFICATE-----

MIIEGjCCAoKgAwIBAgIJAK6gCarXS0cLMA0GCSqGSIb3DQEBCwUAMFYxEzARBgNVBAMMCIBDLVJvb3QtQ0ExEDAOBgNVBAoMB051dGFuaXgxLTArBgNVBAQMJDgyM2Q

-----END CERTIFICATE-----"]

ownerClusterExtId (optional)

[String](#) Cluster UUID that owns the certificates.

additionalCaCertList (optional)

[array\[files.v4.r0.a2.infra.CaCert\]](#) Additional CA certificates to be trusted.

files.v4.r0.a2.infra.FileServerInfo - File server information model.

[Up](#)

A model that represents the file server information.

isGenesisStatus (optional)

[Boolean](#) Get request flag for genesis status.

isHaState (optional)

[Boolean](#) Get request flag for HA state.

isFileServerInfo (optional)

[Boolean](#) Get request flag for file server specification.

genesisStatus (optional)

[String](#) Genesis status output from NVM.

isInHaState (optional)

[Boolean](#) Flag that represents the file server is in HA state.

fileServer (optional)

[files.v4.r0.a2.config.FileServer](#)

files.v4.r0.a2.infra.FileServerStorageSpec - File server storage specification object.

[Up](#)

A model that represents the file server storage specification - a set of volume groups with volume disks and ISCSI clients.

fileServerExtId

[String](#) The {extId} of the file server. This is a read-only field.

taskExtId (optional)

[String](#) ExtId of the task.

attachmentType

[files.v4.r0.a2.infra.AttachmentType](#)

volumeGroups

[array\[files.v4.r0.a2.infra.FilesVolumeGroup\]](#) List of volume group objects.

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

files.v4.r0.a2.infra.FilesInfraLock - Files infrastructure lock model.

[Up](#)

A model that represents the files infrastructure lock specification.

operationName (optional)

[String](#) Operation name that acquired the lock.

message (optional)

[String](#) Operation description message.

endpoint (optional)

[files.v4.r0.a2.infra.FilesInfraLockEndpoint](#)

scope (optional)

[files.v4.r0.a2.infra.FilesInfraLockScope](#)

scopeId (optional)

[byte\[\]](#) Identification for the scope. For example: taskId format: byte

timestamp (optional)

[Long](#) Time when lock was last acquired. format: int64

timeoutSecs (optional)

[Long](#) Expiry time for the lock. format: int64

lockId (optional)

[byte\[\]](#) Unique Id for the lock. format: byte

files.v4.r0.a2.infra.FilesInfraLockAcquireApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/infra/file-server/files-infra-locks/\$actions/acquire Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.infra.FilesInfraLockAcquireResponse](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.infra.FilesInfraLockAcquireResponse - Files infrastructure lock acquire response model.

[Up](#)

A model that represents the response for files infrastructure lock acquire operation.

status (optional)

[Boolean](#) Status of the lock - locked/released.

lockSpec (optional)

[files.v4.r0.a2.infra.FilesInfraLock](#)

files.v4.r0.a2.infra.FilesInfraLockEndpoint - Files infrastructure lock endpoint. The acceptable values are "FILES" or "PLATFORM";.

[Up](#)

The supported lock endpoints.

files.v4.r0.a2.infra.FilesInfraLockList - Files infrastructure lock list model.

[Up](#)

A model that represents the list of files infrastructure lock specification(s).

lockSpecList (optional)

[array\[files.v4.r0.a2.infra.FilesInfraLock\]](#) List of files infrastructure lock specification(s).

files.v4.r0.a2.infra.FilesInfraLockReleaseApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/infra/file-server/files-infra-locks/\$actions/release Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.infra.FilesInfraLockReleaseResponse](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.infra.FilesInfraLockReleaseResponse - Files infrastructure lock release response model.

[Up](#)

A model that represents the response for files infrastructure lock release operation.

status (optional)

[Boolean](#) Status of the lock - locked/released.

files.v4.r0.a2.infra.FilesInfraLockScope - Files infrastructure lock scope.

[Up](#)

The supported lock scopes. The acceptable values are "MANUAL" or "TASK";.

files.v4.r0.a2.infra.FilesService - Files service model.

[Up](#)

A model that represents the files platform service request and response. Files platform service comprises of file server, NVM and storage information. This is requested from platform to files.

fileServerInfo (optional)

[files.v4.r0.a2.infra.FileServerInfo](#)

nvmInfo (optional)

[files.v4.r0.a2.infra.FilesServiceNvmInfo](#)

storageInfo (optional)

[files.v4.r0.a2.infra.StorageInfo](#)

files.v4.r0.a2.infra.FilesServiceInfoGetApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/infra/file-server/files-service Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.infra.FilesService](#) [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.infra.FilesServiceNvmInfo - Files service NVM information model.

[Up](#)

A model that represents the files service NVM information.

isNvmUuidToVmUuidMapping (optional)

[*Boolean*](#) Get request flag for NVM UUID to VM UUID mapping.

isNvmHealth (optional)

[*Boolean*](#) Get request flag for NVM health.

numOfNvmsToBeRemoved (optional)

[*Integer*](#) Request field for the count of NVM objects to be deleted.

nvmList (optional)

[*array\[files.v4.r0.a2.infra.Nvm\]*](#) List of NVM objects.

files.v4.r0.a2.infra.FilesVolumeGroup - File server storage volume group object

[Up](#)

File server storage object representing volume group resource.

disks (optional)

[*array\[storage.v4.r0.a1.config.VolumeDisk\]*](#) List of volume disk objects.

iscsiClients (optional)

[*array\[storage.v4.r0.a1.config.IscsiClient\]*](#) List of iSCSI client objects.

vmAttachments (optional)

[*array\[storage.v4.r0.a1.config.VmAttachment\]*](#) List of file server VMs associated with the file server.

This is a read-only field.

name (optional)

[*String*](#) The name of the Volume Group.

description (optional)

[*String*](#) The description of the Volume Group.

loadBalanceVmAttachments (optional)

[*Boolean*](#) Whether to enable volume group load balancing for VM attachments. This cannot be enabled if there are iSCSI client attachments already associated with the Volume Group, and vice-versa.

sharingStatus (optional)

[*storage.v4.r0.a1.config.SharingStatus*](#)

iscsiTargetPrefix (optional)

[*String*](#) iSCSI target prefix-name. The spec should not comprise both iscsi target prefix and iscsi target name.

iscsiTargetName (optional)

[*String*](#) iSCSI target full name. The spec should not comprise both iscsi target prefix and iscsi target name.

targetSecret (optional)

[*String*](#) Target Secret in case of CHAP authentication. This field should not be provided in case the authentication type is not set to CHAP. format: password

enabledAuthentications (optional)

[*storage.v4.r0.a1.config.AuthenticationType*](#)

createdBy (optional)

[*String*](#) Service/user who created this Volume Group.

clusterReference (optional)

[*String*](#) The UUID of cluster that will host the Volume Group. This is mandatory to be specified for creating a volume group on PC.

storageFeatures (optional)

[*storage.v4.r0.a1.config.StorageFeatures*](#)

files.v4.r0.a2.infra.HttpProxy - Http proxy model.

[Up](#)

Http proxy model.

idString (optional)

[*String*](#) Id string for the http proxy.

address (optional)

[*String*](#) IP address or FQDN name for the http proxy.

port (optional)

[*Integer*](#) Port for the http proxy. format: int32

username (optional)

[*String*](#) Username for prism central API authentication.

password (optional)

[*String*](#) Password for prism central API authentication.

proxyTypeList (optional)

[*array\[files.v4.r0.a2.infra.ProxyType\]*](#) List of supported types by the proxy.

files.v4.r0.a2.infra.ListFilesInfraLockInfoApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/infra/file-server/files-infra-locks Get operation

metadata (optional)

[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)
 oneOf: [files.v4.r0.a2.infra.FilesInfraLockList](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.infra.MigratePlatform - Platform migrate

[Up](#)

Platform migrate request

pcConfig (optional)
[files.v4.r0.a2.infra.PcConfig](#)

files.v4.r0.a2.infra.NotifyPlatform - Notify platform model.

[Up](#)

Platform update notification request model.

pcConfig (optional)
[files.v4.r0.a2.infra.PcConfig](#)
 preUpgradeNvm (optional)
[files.v4.r0.a2.infra.PreUpgradeNvm](#)
 pulseConfig (optional)
[files.v4.r0.a2.infra.PulseConfig](#)
 tlsCertificateConfig (optional)
[files.v4.r0.a2.infra.TlsCertificateConfig](#)
 peConfig (optional)
[files.v4.r0.a2.infra.PeConfig](#)

files.v4.r0.a2.infra.Nvm - NVM Model.

[Up](#)

A model that represents the NVM resource - NVM UUID, mapped VM UUID etc.

uuid (optional)
[String](#) The NVM UUID.
 vmUuid (optional)
[String](#) Acropolis UUID of the file server VM. This is a read-only field.

files.v4.r0.a2.infra.NvmAddInfo - NVM add information model.

[Up](#)

A model that represents the NVM add information.

dnsDomainName (optional)
[String](#) DNS domain name for the file server.
 sizeInGb (optional)
[Double](#) File server size in Gb. format: double
 cvmlps (optional)
[array\[String\]](#) CVM IPV4 address list of the cluster.
 dnslpv4AddressList (optional)
[array\[String\]](#) DNS IPV4 address list for file server.
 ntplpv4AddressList (optional)
[array\[String\]](#) NTP IPV4 address list for file server.
 nvmAddList (optional)
[array\[files.v4.r0.a2.config.VM\]](#) List of VMs to be added.

files.v4.r0.a2.infra.NvmPowerOffInfo - NVM power off information model.

[Up](#)

A model that represents the NVM power off information.

nvmPowerOffList (optional)
[array\[String\]](#) List of VM UUIDs to be powered off.

files.v4.r0.a2.infra.NvmPowerOnInfo - NVM power-on information model.

[Up](#)

A model that represents the NVM power-on information.

nvmPowerOnList (optional)
[array\[String\]](#) List of VM UUIDs to be powered on.

files.v4.r0.a2.infra.NvmRemoveInfo - NVM remove information model.

[Up](#)

A model that represents the NVM remove information.

nvmRemoveList (optional)
[array\[String\]](#) List of VM UUIDs to be removed.

files.v4.r0.a2.infra.NvmUpdateInfo - NVM update information model.

[Up](#)

A model that represents the NVM update information.

nvmUpdateList (optional)
[array\[files.v4.r0.a2.config.VM\]](#) List of VMs to be updated.

files.v4.r0.a2.infra.OwnerType - Platform type.

[Up](#)

Platform type. The acceptable values are "kPE", "kPC", "kXi", "kMinerva", "kOther".

files.v4.r0.a2.infra.PcConfig - Prism central configuration model.

[Up](#)

Prism central configuration model.

virtualIpAddress (optional)
[common.v1.r0.a3.config.IPv4Address](#)

nodeIps (optional)
[array\[common.v1.r0.a3.config.IPv4Address\]](#) Prism central node IP address list.

fmVersion (optional)
String Files manager version.
example: fm-2.0.2

pcVersion (optional)
String Prism central version.
example: 6.1

sshPublicKeys (optional)
[array\[String\]](#) Prism central SSH public keys.
*example: ["ssh-rsa
 AAAAB3NzaC1yc2EAAAADAQABAAQgQDbFDI8kNxr5RMM25+Xb8WWH3N3eotNq6a5si6EFdgwk5iTXtEvSPuffdzaHW/sQh+PPkyozjY7mciudVBl30AEQVCF5KStnmBn
 nutanix@ntnx-10-53-76-191-a-pcvm"]*

pcClusterExtId (optional)
String The Prism central UUID.

pcApiUser (optional)
String Username for Prism central API authentications.
example: api-user

pcApiPassword (optional)
String Password for Prism central API authentications.

files.v4.r0.a2.infra.PeConfig - PE config title

[Up](#)

PE config

dataservicelp (optional)
[common.v1.r0.a3.config.IPv4Address](#)

cvmlps (optional)
[array\[common.v1.r0.a3.config.IPv4Address\]](#) Prism central node IP address list.

files.v4.r0.a2.infra.PiiScrubbingLevel - Level of applying personal identification information scrubbing on pulse data.

[Up](#)

Level of applying personal identification information scrubbing on pulse data. The acceptable values are "kAll", "kPartial", "kNone", "kAuto".

files.v4.r0.a2.infra.PlatformFiles - Platform files model.

[Up](#)

A model that represents the platform files information for request and response.

fileServerExtId (optional)
String The {extId} of the file server. This is a read-only field.

nvmInfo (optional)
[files.v4.r0.a2.infra.PlatformFilesNvmInfo](#)

platformInfo (optional)
[files.v4.r0.a2.infra.PlatformInfo](#)

generateNumUuids (optional)
Integer Number of generate UUID requests.

generatedUuids (optional)
[array\[String\]](#) List of generated UUIDs.

files.v4.r0.a2.infra.PlatformFilesGetApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/infra/file-server/platform-files Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
oneOf: [files.v4.r0.a2.infra.PlatformFiles](#) [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.infra.PlatformFilesNvmInfo - Platform files NVM information model.[Up](#)

A model that represents the platform files NVM information.

isNvmInfo (optional)
[Boolean](#) Get request flag for NVM information.

nvmList (optional)
[array\[files.v4.r0.a2.config.VM\]](#) List of NVM objects.

files.v4.r0.a2.infra.PlatformFilesUpdate - Platform files update model.[Up](#)

A model that represents the platform files update request.

nvmAddInfo (optional)
[files.v4.r0.a2.infra.NvmAddInfo](#)

nvmRemoveInfo (optional)
[files.v4.r0.a2.infra.NvmRemoveInfo](#)

nvmUpdateInfo (optional)
[files.v4.r0.a2.infra.NvmUpdateInfo](#)

nvmPowerOffInfo (optional)
[files.v4.r0.a2.infra.NvmPowerOffInfo](#)

nvmPowerOnInfo (optional)
[files.v4.r0.a2.infra.NvmPowerOnInfo](#)

clusterUuid (optional)
[String](#) The cluster associated with the file server. This contains AOS cluster UUID. This is a read-only field.

fileServerExtId (optional)
[String](#) The {extId} of the file server. This is a read-only field.

taskUuid (optional)
[String](#) ExtId of the task.

files.v4.r0.a2.infra.PlatformFilesUpdateApiResponse[Up](#)

REST response for all response codes in api path /files/v4.0.a2/infra/file-server/platform-files/\$actions/update Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.infra.PlatformFilesVirtualNetworkInfo - Platform files virtual network information model.[Up](#)

A model that represents the platform files virtual network information along with available IPV4 addresses.

extId (optional)
[String](#) UUID of the the file server network.

name (optional)
[String](#) Name of the network.

subnetMask (optional)
[common.v1.r0.a3.config.IPAddress](#)

defaultGateway (optional)
[common.v1.r0.a3.config.IPAddress](#)

availableIPv4AddressList (optional)
[array\[String\]](#) List of available IPV4 addresses to allocate from the virtual network address pool.

files.v4.r0.a2.infra.PlatformInfo - Platform information model.[Up](#)

A model that represents the platform and files storage provider information.

isVersionInfo (optional)
[Boolean](#) Get request flag for files manager and the corresponding platform version.

isNetworkInfo (optional)
[Boolean](#) Get request flag for platform network information of the files manager.

isStorageProviderInfo (optional)
[Boolean](#) Get request flag for files storage provider information.

isVirtualNetworkInfo (optional)
[Boolean](#) Get request flag for virtual network information.

virtualNetworkUuids (optional)
[array\[String\]](#) List of virtual network UUIDs.

isVcenterStatus (optional)
[Boolean](#) Get request flag for vCenter connection status.

managerVersion (optional)

[String](#) Files manager version.

managerPlatformVersion (optional)

[String](#) Platform version for the files manager.

managerVirtualIpAddress (optional)

[common.v1.r0.a3.config.IPAddress](#)

managerFqdn (optional)

[String](#) Platform FQDN for the files manager.

managerNodeIps (optional)

[array\[common.v1.r0.a3.config.IPAddress\]](#) Platform cluster node IPs for the files manager.

storageProviderNodeIps (optional)

[array\[common.v1.r0.a3.config.IPAddress\]](#) Files storage provider cluster node IPs.

storageProviderDslp (optional)

[common.v1.r0.a3.config.IPAddress](#)

virtualNetworkInformation (optional)

[array\[files.v4.r0.a2.infra.PlatformFilesVirtualNetworkInfo\]](#) List of virtual network information.

vCenterConnected (optional)

[Boolean](#) Flag to represent if the vCenter is connected to the cluster.

files.v4.r0.a2.infra.PlatformMigrateApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/infra/file-server/files-service/\$actions/migrate-platform Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a1.config.TaskReference](#)

[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.infra.PlatformNotifyApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/infra/file-server/files-service/\$actions/notify-platform Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a1.config.TaskReference](#)

[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.infra.PreUpgradeNvm - Pre-upgrade NVM model.

[Up](#)

Pre upgrade operation specification with the target software details for the NVM upgrade.

version (optional)

[String](#) Software version.

fullReleaseVersion (optional)

[String](#) Full release version string of the software.

preUpgradeChecksOnly (optional)

[Boolean](#) Run pre-upgrade checks alone.

files.v4.r0.a2.infra.ProxyType - Proxy type.

[Up](#)

Proxy type. The acceptable values are "kHttp", "kHttps", "kSocks".

files.v4.r0.a2.infra.PulseConfig - Pulse configuration model.

[Up](#)

Pulse configuration model.

pulseEnabled (optional)

[Boolean](#) Enable pulse on file server.

example: true

piiScrubbingLevel (optional)

[files.v4.r0.a2.infra.PiiScrubbingLevel](#)

httpProxyList (optional)

[array\[files.v4.r0.a2.infra.HttpProxy\]](#) List of http proxy servers for pulse data.

files.v4.r0.a2.infra.SourceType - Source type of certificate.

[Up](#)

Source type of certificate. The acceptable values are "kPC", "kPE", "kGenesis", "kManual".

files.v4.r0.a2.infra.StorageCreateApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/infra/file-server/storage-specs Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.infra.StorageDeleteApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/infra/file-server/storage-specs Delete operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.infra.StorageGetApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/infra/file-server/storage-specs Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.infra.FileServerStorageSpec](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.infra.StorageInfo - Storage information model.

[Up](#)

Storage information model.

isStorageInfo (optional)

[Boolean](#) Get request flag for storage information including volume group list.

isVerifyAttachmentsHealth (optional)

[Boolean](#) Get request flag for storage health verification of ISCSI or hypervisor attachments.

vgSetList (optional)

[array\[String\]](#) List of volume groups set UUIDs for the file server.

areAttachmentsHealthy (optional)

[Boolean](#) Flag that represents whether the storage attachments are healthy.

files.v4.r0.a2.infra.StorageUpdateApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/infra/file-server/storage-specs Patch operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.infra.TlsCertificateConfig - TLS certificate configuration model.

[Up](#)

TLS certificate configuration for mutual TLS communications between services.

caChain (optional)

[files.v4.r0.a2.infra.CaChain](#)

sourceType (optional)

[files.v4.r0.a2.infra.SourceType](#)

signedCertificate (optional)

[String](#) File server ICA certificate signed by platform ICA.

example: -----BEGIN CERTIFICATE-----

MIIDpTCCAo2gAwIBAgIJAI14RvYI5UPiMA0GCSqGSIb3DQEBCwUAMF4xGzAZBgNVBAMMEIBDLUudGVybWVkaWF0ZS1DQTEQMA4GA1UECgwHTnV0YW5peDEtMCsGA
 -----END CERTIFICATE-----

files.v4.r0.a2.stats.AntivirusServerStatsApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/stats/file-server/anti-virus-servers/{antivirusServerExtId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.stats.FileServerStatsApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/stats/file-server Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.stats.MountTargetStatsApiResponse

[Up](#)

REST response for all response codes in api path /files/v4.0.a2/stats/file-server/mount-targets/{mountTargetExtId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [files.v4.r0.a2.error.ErrorResponse](#)

files.v4.r0.a2.stats.Stats - Stats model

[Up](#)

Stats model

successful (optional)

[Boolean](#) Success status

message (optional)

[String](#) Message

startTimeInUsecs (optional)

[Long](#) Start time in microseconds to retrieve all the stats generated after this timestamp. For example: 1622705280584000 format: int64

intervalInSecs (optional)

[Integer](#) Sampling interval of stats format: int32

metric (optional)

[String](#) Metric to received. For example - scanned_file_count, threat_count, cleaned_file_count, quarantined_file_count, latency_ms, throughput_bytes, disconnect_count.

values (optional)

[array\[files.v4.r0.a2.stats.ValueMap\]](#) List of timestamp based data points objects.

count (optional)

[Integer](#) Count of available data points. This is a read-only field. format: int32

files.v4.r0.a2.stats.ValueMap

[Up](#)

time (optional)

[Long](#) format: int64

value (optional)

[Long](#) format: int64

prism.v4.r0.a1.config.TaskReference

[Up](#)

Reference to a task tracking the async operation.

extId (optional)

[String](#) Globally unique identifier of a task.

storage.v4.r0.a1.config.AuthenticationType - Supported types of authentication

[Up](#)

The type of authentication enabled for the Volume Group. If this is set to CHAP, the target/client secret must be provided.

storage.v4.r0.a1.config.DiskStorageFeatures

[Up](#)

Storage features for the Volume disks.

flashMode (optional)

[storage.v4.r0.a1.config.FlashMode](#)

storage.v4.r0.a1.config.FlashMode

[Up](#)

Performance setting to avoid down migration of data from the hot tier. When specified, all the virtual disks of the volume group are pinned to the higher tier, unless overrides are specified for some of the virtual disks.

isEnabled (optional)

[Boolean](#)

storage.v4.r0.a1.config.IscsiClient - iSCSI Client Object

[Up](#)

A model that represents iSCSI Client that can be associated with a volume group as an external attachment.

iscsiInitiatorName (optional)

[String](#) iSCSI Initiator Name.

iscsiInitiatorNetworkId (optional)

[common.v1.r0.a3.config.IPAddressOrFQDN](#)

clientSecret (optional)

[String](#) iSCSI initiator Client Secret in case of CHAP authentication. This field should not be provided in case the authentication type is not set to CHAP.

enabledAuthentications (optional)

[storage.v4.r0.a1.config.AuthenticationType](#)

targetParams (optional)

[array\[storage.v4.r0.a1.config.TargetParam\]](#)

clusterReference (optional)

[String](#) The UUID of cluster that will host the Volume Group. This is mandatory to be specified for creating a volume group on PC.

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

storage.v4.r0.a1.config.SharingStatus - Supported Sharing Status types

[Up](#)

Whether the Volume Group can be shared across multiple iSCSI initiators. The mode cannot be changed from SHARED to NOT_SHARED on a volume group with multiple attachments. Similarly, a volume group cannot be associated with more than one attachment as long as it is in exclusive mode.

storage.v4.r0.a1.config.StorageFeatures

[Up](#)

Storage features for the Volume Groups.

flashMode (optional)

[storage.v4.r0.a1.config.FlashMode](#)

storage.v4.r0.a1.config.TargetParam - Parameters associated with each iSCSI target corresponding to the iSCSI client.

[Up](#)

List of iSCSI targets' parameters that will be visible and accessible to the iSCSI client.

numVirtualTargets (optional)

[Integer](#) Number of virtual targets to generate for the iSCSI target. format: int32

storage.v4.r0.a1.config.VmAttachment

[Up](#)

A model that represents a VM reference that can be associated with a volume group as a hypervisor attachment.

extId

[String](#) The external identifier of the VM.

index (optional)

[Integer](#) The index on the scsi bus to attach the VM to the Volume Group.

storage.v4.r0.a1.config.VolumeDisk - Volume Disk Object

[Up](#)

A model that represents volume disk which is associated with a volume group, and is supported by a backing file on DSF.

index (optional)

[Integer](#) Index of the disk in a Volume Group. This field is immutable.

diskSizeBytes (optional)

[Long](#) Size of the disk in bytes. format: int64

storageContainerId (optional)

[String](#) Storage container on which the disk must be created.

description (optional)

[String](#) Description of the Volume disk.

diskDataSourceReference (optional)

[common.v1.r0.a3.config.EntityReference](#)

diskStorageFeatures (optional)

[storage.v4.r0.a1.config.DiskStorageFeatures](#)

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

storage.v4.r0.a1.config.VolumeGroup - Volume Group Object

[Up](#)

A model that represents Volume Group resources.

name (optional)

[String](#) The name of the Volume Group.

description (optional)

[String](#) The description of the Volume Group.

loadBalanceVmAttachments (optional)

[*Boolean*](#) Whether to enable volume group load balancing for VM attachments. This cannot be enabled if there are iSCSI client attachments already associated with the Volume Group, and vice-versa.

sharingStatus (optional)

[*storage.v4.r0.a1.config.SharingStatus*](#)

iscsiTargetPrefix (optional)

[*String*](#) iSCSI target prefix-name. The spec should not comprise both iscsi target prefix and iscsi target name.

iscsiTargetName (optional)

[*String*](#) iSCSI target full name. The spec should not comprise both iscsi target prefix and iscsi target name.

targetSecret (optional)

[*String*](#) Target Secret in case of CHAP authentication. This field should not be provided in case the authentication type is not set to CHAP. format: password

enabledAuthentications (optional)

[*storage.v4.r0.a1.config.AuthenticationType*](#)

createdBy (optional)

[*String*](#) Service/user who created this Volume Group.

clusterReference (optional)

[*String*](#) The UUID of cluster that will host the Volume Group. This is mandatory to be specified for creating a volume group on PC.

storageFeatures (optional)

[*storage.v4.r0.a1.config.StorageFeatures*](#)

extId (optional)

[*String*](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[*array\[common.v1.r0.a3.response.ApiLink\]*](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

Nutanix Iam Versioned APIs

Manage Identity and Access Management of Nutanix clusters.

More information: <https://helloreverb.com>

Contact Info: hello@helloreverb.com

Version: 4.0.1-beta-1

BasePath: /api

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Access

1. HTTP Basic Authentication
2. APIKey KeyParamName:Authorization KeyInQuery:false KeyInHeader:true

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- [POST /iam/v4.0.b1/authn/users](#)
- [POST /iam/v4.0.b1/authn/users/{extId}/buckets-access-keys](#)
- [GET /iam/v4.0.b1/authn/users/{extId}/buckets-access-keys](#)
- [GET /iam/v4.0.b1/authn/users/{extId}](#)
- [GET /iam/v4.0.b1/authn/users](#)
- [POST /iam/v4.0.b1/authn/users/{extId}/\\$actions/reset-password](#)
- [PUT /iam/v4.0.b1/authn/users/{extId}](#)
- [POST /iam/v4.0.b1/authn/users/{extId}/\\$actions/change-state](#)

[UserGroup](#)

- [POST /iam/v4.0.b1/authn/user-groups](#)
- [GET /iam/v4.0.b1/authn/user-groups/{extId}](#)
- [GET /iam/v4.0.b1/authn/user-groups](#)

ApiKey

POST /iam/v4.0.b1/authn/api-keys/\$actions/validate

[Up](#)

Validate API key (validateApiKey)

Validate API key

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [iam.v4.r0.b1.authn.ApiKeyValidateRequest](#) (optional)

Body Parameter — Validate API key

Return type

[inline response 200 19](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
  }
}
```



```

    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**Validate API key successful [inline response 200 19](#)**4XX**Client error response [inline response 4XX 25](#)**5XX**Server error response [inline response 4XX 25](#)

AuthorizationPolicy

POST /iam/v4.0.b1/authz/authorization-policies

[Up](#)

Create authorization policy (createAuthorizationPolicyAPI)

Create an authorization policy

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request bodybody [iam.v4.r0.b1.authz.AuthorizationPolicy](#) (required)*Body Parameter* — Create an authorization policy**Return type**[inline response 201 9](#)**Example data**

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {

```

```

    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**201**Create authorization policy successful [inline response 201 9](#)**4XX**Client error response [inline response 4XX 39](#)**5XX**Server error response [inline response 4XX 39](#)**DELETE /iam/v4.0.b1/authz/authorization-policies/{extId}**[Up](#)Delete authorization policy (**deleteAuthorizationPolicyAPI**)

Delete an authorization policy

Path parameters**extId (required)***Path Parameter* – ExtId for the role**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**204**

Delete authorization policy successful

4XXClient error response [inline response 4XX 42](#)**5XX**Server error response [inline response 4XX 42](#)**GET /iam/v4.0.b1/authz/authorization-policies**[Up](#)List authorization policy(ies) (**listAuthorizationPolicyAPI**)

List all the authorization policy(ies)

Query parameters**\$page (optional)**

Query Parameter – A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter – A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter – A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

- clientName
- createdBy
- createdTime
- displayName
- extId
- isSystemDefined
- lastUpdatedTime
- role

\$orderby (optional)

Query Parameter — <p>A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, 'orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:</p> createdTime displayName extId lastUpdatedTime role

\$expand (optional)

Query Parameter — <p>A URL query parameter that allows clients to request related resources when a resource that satisfies a particular request is retrieved. Each expand item is evaluated relative to the entity containing the property being expanded. Other query options can be applied to an expanded property by appending a semicolon-separated list of query options, enclosed in parentheses, to the property name. Allowed system query options are \$filter, \$select, \$orderby. The following expansion keys are supported.</p> role

\$select (optional)

Query Parameter — <p>A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.</p> authorizationPolicyType clientName createdBy createdTime description displayName entities extId identities isSystemDefined lastUpdatedTime links role tenantId

Return type

[inline response 200 29](#)

Example data

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults" : 0,
    "flags": [ {
      "name": "name",
      "value": false
    }, {
      "name": "name",
      "value": false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    }, {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    } ],
    "links": [ {
      "rel": "rel",
      "href": "href"
    }, {
      "rel": "rel",
      "href": "href"
    } ],
    "extraInfo": [ {
      "name": "name",
      "value": ""
    }, {
      "name": "name",
      "value": ""
    } ]
  },
  "data": [ "", "" ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

List authorization policy(ies) successful [inline response 200 29](#)

4XX

Client error response [inline response 4XX 38](#)

5XX

Server error response [inline response 4XX 38](#)

PUT /iam/v4.0.b1/authz/authorization-policies/{extId}

Update authorization policy ([updateAuthorizationPolicyAPI](#))

Update an authorization policy

Path parameters

extId (required)

Path Parameter — ExtId for the role

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [iam.v4.r0.b1.authz.AuthorizationPolicy](#) (required)

Body Parameter — Update an authorization policy

Request headers

Return type

[inline response 200 31](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Update authorization policy successful [inline response 200 31](#)

4XX

Client error response [inline response 4XX 41](#)

5XX

Server error response [inline response 4XX 41](#)

GET /iam/v4.0.b1/authz/authorization-policies/{extId}

[Up](#)

Get authorization policy (viewAuthorizationPolicyAPI)

View an authorization policy

Path parameters

extId (required)

Path Parameter – ExtId for the role

Return type

[inline response 200 30](#)

Example data

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

View authorization policy successful [inline response 200 30](#)

4XX

Client error response [inline response 4XX 40](#)

5XX

Server error response [inline response 4XX 40](#)

CertAuthProvider

POST /iam/v4.0.b1/authn/cert-auth-providers

[Up](#)

Create certificate based authentication provider (**handleCreateCertAuthProvider**)

Create a certificate based authentication provider

Consumes

This API call consumes the following media types via the Content-Type request header:

- multipart/form-data

Return type

[inline response 201](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

201

Create certificate based authentication providers successful [inline response 201](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

GET /iam/v4.0.b1/authn/cert-auth-providers/{extId}

[Up](#)

Get certificate based authentication provider (**handleGetCertAuthProvider**)

Get a certificate based authentication provider by its UUID

Path parameters

extId (required)
Path Parameter —

Return type

[inline response 200 1](#)

Example data

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults" : 0,
    "flags": [ {
      "name": "name",
      "value" : false
    }, {
      "name": "name",
      "value" : false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    }, {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    } ],
    "links": [ {
      "rel": "rel",
      "href": "href"
    }, {
      "rel": "rel",
      "href": "href"
    } ],
    "extraInfo": [ {
      "name": "name",
      "value": ""
    }, {
      "name": "name",
      "value": ""
    } ]
  },
  "data": ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Get certificate based authentication provider successful [inline response 200 1](#)

4XX

Client error response [inline response 4XX 2](#)

5XX

Server error response [inline response 4XX 2](#)

GET /iam/v4.0.b1/authn/cert-auth-providers

[Up](#)List certificate based authentication provider(s) (**handleListCertAuthProviders**)

Get a list of all configured certificate based authentication providers

Query parameters**\$filter (optional)**

Query Parameter – <p>A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:</p> createdBy extId name

\$orderby (optional)

Query Parameter – <p>A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:</p> createTime lastUpdateTime name

\$select (optional)

Query Parameter — <p>A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.</p>
caCertFileName certRevocationInfo/crldps
certRevocationInfo/globalCrIRefreshInterval certRevocationInfo/isCrIEnabled
certRevocationInfo/isOcspEnabled certRevocationInfo/ocspResponder
clientCaChain createdBy createdTime dirSvcExtId extId
isCacEnabled isCertAuthEnabled lastUpdatedTime links name
tenantId

Return type[inline response 200](#)**Example data**

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults" : 0,
    "flags": [ {
      "name": "name",
      "value" : false
    }, {
      "name": "name",
      "value" : false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    }, {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    } ],
    "links": [ {
      "rel": "rel",
      "href": "href"
    }, {
      "rel": "rel",
      "href": "href"
    } ],
    "extraInfo": [ {
      "name": "name",
      "value" : ""
    }, {
      "name": "name",
      "value" : ""
    } ]
  },
  "data" : [ "", "" ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**Get certificate based authentication provider(s) successful [inline response 200](#)**4XX**Client error response [inline response 4XX](#)**5XX**Server error response [inline response 4XX](#)

PUT /iam/v4.0.b1/authn/cert-auth-providers/{extId}

[Up](#)Update certificate based authentication provider (**handleUpdateCertAuthProvider**)

Update a certificate based authentication provider configuration

Path parameters**extId (required)***Path Parameter* —

Consumes

This API call consumes the following media types via the Content-Type request header:

- multipart/form-data

Request headers**Return type**

[inline response 200 2](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Update certificate based authentication provider successful [inline response 200 2](#)

4XX

Client error response [inline response 4XX 3](#)

5XX

Server error response [inline response 4XX 3](#)

Client

GET /iam/v4.0.b1/authz/clients

[Up](#)

View registered clients (listRegisteredClientAPI)

List all the client(s) registered

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter — <p>A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:</p> createdBy displayName extId lastUpdatedTime name

\$orderby (optional)

Query Parameter — <p>A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:</p> createdTime displayName extId lastUpdatedTime name

\$select (optional)

Query Parameter — <p>A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.</p> createdBy createdTime deploymentList description displayName extId lastUpdatedTime links name tenantId

Return type

[inline response 200 32](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : [ "", "" ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

List registered clients [inline response 200 32](#)
 4XX
 Client error response [inline response 4XX 43](#)
 5XX
 Server error response [inline response 4XX 43](#)

GET /iam/v4.0.b1/authz/clients/{extId}

[Up](#)

Get client (viewRegisteredClientAPI)

View a Registered Client Information

Path parameters

extId (required)
Path Parameter – ExtId for the Client

Return type

[inline response 200 33](#)

Example data

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

View Registered Client Information [inline response 200 33](#)

4XX

Client error response [inline response 4XX 44](#)

5XX

Server error response [inline response 4XX 44](#)

DirectoryService

POST /iam/v4.0.b1/authn/directory-services/{extId}/\$actions/verify-connection-s

[Up](#)

Check directory service connection (`connectionStatusDirectoryService`)

Check connection to the directory service

Path parameters

extId (required)

Path Parameter — External identifier of the directory service

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [iam.v4.r0.b1.authn.DirectoryServiceConnectionRequest](#)

(required)

Body Parameter — Check connection to the directory service

Return type

[inline response 200 7](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Check connection to the directory service successful [inline response 200 7](#)

4XX

Client error response [inline response 4XX 9](#)

5XX

Server error response [inline response 4XX 9](#)

POST /iam/v4.0.b1/authn/directory-services

Create directory service (`createDirectoryService`)

[Up](#)

Create a directory service

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request bodybody [iam.v4.r0.b1.authn.DirectoryService](#) (required)*Body Parameter* – Create a directory service**Return type**[inline response 201 1](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**201**Create directory service successful [inline response 201 1](#)**4XX**Client error response [inline response 4XX 5](#)**5XX**Server error response [inline response 4XX 5](#)

GET /iam/v4.0.b1/authn/directory-services

[Up](#)List directory service(s) ([getDirectoryServiceList](#))

List all directory service(s)

Query parameters**\$page (optional)***Query Parameter* – A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any

number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

- createdBy
- directoryType
- domainName
- extId
- name

\$orderby (optional)

Query Parameter —

A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- createdTime
- domainName
- lastUpdatedTime
- name

\$select (optional)

Query Parameter —

A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.

- createdBy
- createdTime
- directoryType
- domainName
- extId
- groupSearchType
- lastUpdatedTime
- links
- name
- openLdapConfiguration/userConfiguration
- openLdapConfiguration/userGroupConfiguration
- secondaryUrls
- serviceAccount/password
- serviceAccount/username
- tenantId
- url
- whitelistedGroups

Return type

[inline response 200 3](#)

Example data

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults" : 0,
    "flags": [ {
      "name": "name",
      "value": false
    }, {
      "name": "name",
      "value": false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    }, {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    } ],
    "links": [ {
      "rel": "rel",
      "href": "href"
    }, {
      "rel": "rel",
      "href": "href"
    } ],
    "extraInfo": [ {
      "name": "name",
      "value": ""
    }, {
      "name": "name",
      "value": ""
    } ]
  },
  "data": [ "", "" ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**List directory service(s) successful [inline response 200_3](#)**4XX**Client error response [inline response 4XX_4](#)**5XX**Server error response [inline response 4XX_4](#)

GET /iam/v4.0.b1/authn/directory-services/{extId}

[Up](#)Get directory service (**getDirectoryServicebyId**)

View a directory service

Path parameters**extId (required)***Path Parameter* — External identifier of the directory service**Return type**[inline response 200_4](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**View directory service successful [inline response 200_4](#)**4XX**Client error response [inline response 4XX_6](#)**5XX**Server error response [inline response 4XX_6](#)

POST /iam/v4.0.b1/authn/directory-services/{extId}/\$actions/search

Search user/group in directory service ([searchDirectoryService](#))

Search user or group in the directory service

Path parameters

extId (required)

Path Parameter — External identifier of the directory service

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [iam.v4.r0.b1.authn.DirectoryServiceSearchQuery](#) (required)

Body Parameter — Search user or group in the directory service

Return type

[inline response 200 6](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "domainName" : "domainName",
    "searchResults" : [ {
      "entityType" : "entityType",
      "name" : "name",
      "attributes" : [ {
        "values" : [ "values", "values" ],
        "name" : "name"
      }, {
        "values" : [ "values", "values" ],
        "name" : "name"
      } ]
    }, {
      "entityType" : "entityType",
      "name" : "name",
      "attributes" : [ {
        "values" : [ "values", "values" ],
        "name" : "name"
      } ]
    } ]
  }
}
```



```

    }, {
      "values" : [ "values", "values" ],
      "name" : "name"
    } ]
  } ]
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Search user or group in the directory service successful [inline response 200 6](#)

4XX

Client error response [inline response 4XX 8](#)

5XX

Server error response [inline response 4XX 8](#)

PUT /iam/v4.0.b1/authn/directory-services/{extId}

[Up](#)

Update directory service (**updateDirectoryService**)

Update a directory service

Path parameters

extId (required)

Path Parameter — External identifier of the directory service

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [iam.v4.r0.b1.authn.DirectoryService](#) (required)

Body Parameter — Update a directory service

Request headers

Return type

[inline response 200 5](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",

```

```

    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Update directory service successful [inline response 200 5](#)

4XX

Client error response [inline response 4XX 7](#)

5XX

Server error response [inline response 4XX 7](#)

Entity

GET /iam/v4.0.b1/authz/entities

[Up](#)

List entities (listEntityAPI)

List all the Entities

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

- createdBy
- createdTime
- displayName
- extId
- lastUpdatedTime
- name

\$orderby (optional)

Query Parameter —

A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- createdTime
- displayName
- extId
- lastUpdatedTime
- name

\$select (optional)

Query Parameter —

A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.

- attributeList
- clientName
- createdBy
- createdTime
- description
- displayName
- extId
- lastUpdatedTime
- links
- name
- searchURL
- tenantId
- uniqueId

Return type

[inline response 200 34](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {

```

```

    "name" : "name",
    "value" : false
  } ],
  "messages" : [ {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : [ "", "" ]
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**List entities Successful [inline response 200 34](#)**4XX**Client error response [inline response 4XX 45](#)**5XX**Server error response [inline response 4XX 45](#)

GET /iam/v4.0.b1/authz/entities/{extId}

[Up](#)Get entity (**viewEntityAPI**)

View description of the entity

Path parameters**extId (required)***Path Parameter* — ExtId for the Client Entity**Return type**[inline response 200 35](#)**Example data**

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",

```

```

    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Response for the Entity requests [inline_response_200_35](#)

4XX

Client error response [inline_response_4XX_46](#)

5XX

Server error response [inline_response_4XX_46](#)

Operation

GET /iam/v4.0.b1/authz/operations

[Up](#)

List operation(s) (listOperationAPI)

List all the operation(s)

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter — <p>A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:</p> clientName createdTime displayName entityType extId lastUpdatedTime operationType

\$orderby (optional)

Query Parameter — <p>A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:</p> createdTime displayName entityType extId lastUpdatedTime

\$select (optional)

Query Parameter — <p>A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.</p> associatedEndpointList clientName createdTime description displayName entityType extId lastUpdatedTime links operationType relatedOperationList tenantId

Return type

[inline response 200 37](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : [ "", "" ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**List operation(s) successful [inline response 200 37](#)**4XX**Client error response [inline response 4XX 48](#)**5XX**Server error response [inline response 4XX 48](#)

GET /iam/v4.0.b1/authz/operations/{extId}

[Up](#)Get operation (**viewOperationAPI**)

View an operation

Path parameters**extId (required)***Path Parameter* — ExtId of the operation**Return type**[inline response 200 36](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
```

```
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200
View operation [inline response 200 36](#)
4XX
Client error response [inline response 4XX 47](#)
5XX
Server error response [inline response 4XX 47](#)

Role

POST /iam/v4.0.b1/authz/roles

[Up](#)

Create role (createRoleAPI)

Create a role

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [iam.v4.r0.b1.authz.Role](#) (required)
Body Parameter — Create a role

Return type

[inline response 201 10](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
  },
}
```

```

    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

201

Create role successful [inline response 201 10](#)

4XX

Client error response [inline response 4XX 50](#)

5XX

Server error response [inline response 4XX 50](#)

DELETE /iam/v4.0.b1/authz/roles/{extId}

[Up](#)

Delete role (deleteRoleAPI)

Delete a role

Path parameters**extId (required)***Path Parameter* — ExtId for the role**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

204

Delete role successful

4XX

Client error response [inline response 4XX 52](#)

5XX

Server error response [inline response 4XX 52](#)

GET /iam/v4.0.b1/authz/roles

[Up](#)

List role(s) (listRoleAPI)

List all the role(s)

Query parameters**\$page (optional)**

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter — <p>A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:</p> clientName createdBy createdTime displayName extId isSystemDefined lastUpdatedTime

\$orderby (optional)

Query Parameter — <p>A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:</p> createdTime displayName extId lastUpdatedTime

\$select (optional)

Query Parameter — <p>A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.</p> accessibleClients accessibleEntityTypes assignedUserGroupsCount assignedUsersCount clientName createdBy createdTime description displayName extId isSystemDefined lastUpdatedTime links operations tenantId

Return type

[inline response 200 38](#)

Example data

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults" : 0,
    "flags": [ {
      "name": "name",
      "value" : false
    }, {
      "name": "name",
      "value" : false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    }, {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    } ],
    "links": [ {
      "rel": "rel",
      "href": "href"
    }, {
      "rel": "rel",
      "href": "href"
    } ],
    "extraInfo": [ {
      "name": "name",
      "value" : ""
    }, {
      "name": "name",
      "value" : ""
    } ]
  },
  "data": [ "", "" ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**List role(s) successful [inline response 200 38](#)**4XX**Client error response [inline response 4XX 49](#)**5XX**Server error response [inline response 4XX 49](#)**PUT /iam/v4.0.b1/authz/roles/{extId}**[Up](#)Update role (**updateRoleAPI**)

Update a role

Path parameters**extId (required)***Path Parameter* — ExtId for the role**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/json

Request bodybody [iam.v4.r0.b1.authz.Role](#) (required)*Body Parameter* — Update a role**Request headers****Return type**[inline response 200 40](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }
}
```

```
}  
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Update role successful [inline response 200 40](#)

4XX

Client error response [inline response 4XX 51](#)

5XX

Server error response [inline response 4XX 51](#)

GET /iam/v4.0.b1/authz/roles/{extId}

[Up](#)

Get role (**viewRoleAPI**)

View a role

Path parameters

extId (required)

Path Parameter — ExtId for the role

Return type

[inline response 200 39](#)

Example data

Content-Type: application/json

```
{  
  "metadata": {  
    "totalAvailableResults" : 0,  
    "flags": [ {  
      "name": "name",  
      "value" : false  
    }, {  
      "name": "name",  
      "value" : false  
    } ],  
    "messages": [ {  
      "severity": "$UNKNOWN",  
      "code": "code",  
      "message": "message",  
      "locale": "en_US"  
    }, {  
      "severity": "$UNKNOWN",  
      "code": "code",  
      "message": "message",  
      "locale": "en_US"  
    } ],  
    "links": [ {  
      "rel": "rel",  
      "href": "href"  
    }, {  
      "rel": "rel",  
      "href": "href"  
    } ],  
    "extraInfo": [ {  
      "name": "name",  
      "value" : ""  
    }, {  
      "name": "name",  
      "value" : ""  
    } ]  
  },  
  "data" : ""  
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

View role successful [inline response 200 39](#)

304
 Role content not modified [inline_response_304](#)
 4XX
 Client error response [inline_response_304](#)
 5XX
 Server error response [inline_response_304](#)

SamIdentityProvider

POST /iam/v4.0.b1/authn/saml-identity-providers

[Up](#)

Create SAML Identity Provider (createSamIdentityProvider)

Create a SAML Identity Provider

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [iam.v4.r0.b1.authn.SamIdentityProvider](#) (required)
Body Parameter — Create a SAML Identity Provider

Return type

[inline_response_201_2](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

201
 Create SAML Identity Provider successful [inline_response_201_2](#)
 4XX
 Client error response [inline_response_4XX_11](#)

5XX

Server error response [inline response 4XX 11](#)[Up](#)

GET /iam/v4.0.b1/authn/saml-identity-providers

List SAML Identity Providers ([getSamIdentityProviderList](#))

View all SAML Identity Provider(s)

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

- createdBy
- extId
- name

\$orderby (optional)

Query Parameter —

A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- createdTime
- lastUpdatedTime
- name

\$select (optional)

Query Parameter —

A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.

- createdBy
- createdTime
- customAttributes
- emailAttribute
- entityIssuer
- extId
- groupsAttribute
- groupsDelim
- idpMetadata/certificate
- idpMetadata/entityId
- idpMetadata/errorUrl
- idpMetadata/loginUrl
- idpMetadata/logoutUrl
- idpMetadata/nameIdPolicyFormat
- idpMetadataUrl
- idpMetadataXml
- isSignedAuthnReqEnabled
- lastUpdatedTime
- links
- name
- tenantId
- usernameAttribute

Return type

[inline response 200 8](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ]
  }
}
```

```
    } ],  
    "extraInfo" : [ {  
      "name" : "name",  
      "value" : ""  
    }, {  
      "name" : "name",  
      "value" : ""  
    } ]  
  },  
  "data" : [ "", "" ]  
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

View SAML Identity Provider(s) successful [inline response 200 8](#)

4XX

Client error response [inline response 4XX 10](#)

5XX

Server error response [inline response 4XX 10](#)

GET /iam/v4.0.b1/authn/saml-identity-providers/{extId}

[Up](#)

Get SAML Identity Provider ([getSamlIdentityProviderbyId](#))

View a SAML Identity Provider

Path parameters

extId (required)

Path Parameter — External identifier of the SAML Identity Provider

Return type

[inline response 200 9](#)

Example data

Content-Type: application/json

```
{  
  "metadata" : {  
    "totalAvailableResults" : 0,  
    "flags" : [ {  
      "name" : "name",  
      "value" : false  
    }, {  
      "name" : "name",  
      "value" : false  
    } ],  
    "messages" : [ {  
      "severity" : "$UNKNOWN",  
      "code" : "code",  
      "message" : "message",  
      "locale" : "en_US"  
    }, {  
      "severity" : "$UNKNOWN",  
      "code" : "code",  
      "message" : "message",  
      "locale" : "en_US"  
    } ],  
    "links" : [ {  
      "rel" : "rel",  
      "href" : "href"  
    }, {  
      "rel" : "rel",  
      "href" : "href"  
    } ],  
    "extraInfo" : [ {  
      "name" : "name",  
      "value" : ""  
    }, {  
      "name" : "name",  
      "value" : ""  
    } ]  
  },  
  "data" : ""  
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

View SAML Identity Provider successful [inline response 200 9](#)

4XX

Client error response [inline response 4XX 12](#)

5XX

Server error response [inline response 4XX 12](#)

PUT /iam/v4.0.b1/authn/saml-identity-providers/{extId}

[Up](#)

Update SAML Identity Provider (updateSamIdentityProvider)

Update a SAML Identity Provider

Path parameters**extId (required)***Path Parameter* — External identifier of the SAML Identity Provider**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/json

Request bodybody [iam.v4.r0.b1.authn.SamlIdentityProvider](#) (required)*Body Parameter* — Update a SAML Identity Provider**Request headers****Return type**[inline response 200 10](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
}
```

```
"data" : ""  
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**Update SAML Identity Provider successful [inline response 200 10](#)**4XX**Client error response [inline response 4XX 13](#)**5XX**Server error response [inline response 4XX 13](#)

SamlSpMetadata

GET /iam/v4.0.b1/authn/saml-sp-metadata

[Up](#)Get sp-metadata for SAML Identity Provider (**getSamlSpMetadata**)

Download SP Metadata for SAML Identity Provider

Return type[inline response 200 11](#)**Example data**

Content-Type: application/json

```
{  
  "metadata" : {  
    "totalAvailableResults" : 0,  
    "flags" : [ {  
      "name" : "name",  
      "value" : false  
    }, {  
      "name" : "name",  
      "value" : false  
    } ],  
    "messages" : [ {  
      "severity" : "$UNKNOWN",  
      "code" : "code",  
      "message" : "message",  
      "locale" : "en_US"  
    }, {  
      "severity" : "$UNKNOWN",  
      "code" : "code",  
      "message" : "message",  
      "locale" : "en_US"  
    } ],  
    "links" : [ {  
      "rel" : "rel",  
      "href" : "href"  
    }, {  
      "rel" : "rel",  
      "href" : "href"  
    } ],  
    "extraInfo" : [ {  
      "name" : "name",  
      "value" : ""  
    }, {  
      "name" : "name",  
      "value" : ""  
    } ]  
  },  
  "data" : ""  
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/xml
- application/json

Responses**200**Download SP Metadata for SAML Identity Provider successful [inline response 200 11](#)**4XX**Client error response [inline response 4XX 14](#)

5XX

Server error response [inline_response_4XX_14](#)

ServiceAccount

[Up](#)

POST /iam/v4.0.b1/authn/service-accounts/{extId}/api-keys

Create API key (**createApiKey**)

Create API key

Path parameters

extId (required)*Path Parameter* — External identifier of the service account

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body **iam.v4.r0.b1.authn.ApiKey** (required)*Body Parameter* — Create API key

Return type

[inline_response_201_5](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

201

Create API key successful [inline_response_201_5](#)

4XX

Client error response [inline response 4XX 22](#)
5XX
Server error response [inline response 4XX 22](#)

POST /iam/v4.0.b1/authn/service-accounts

[Up](#)

Create service account (**createServiceAccount**)

Create service account

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [iam.v4.r0.b1.authn.ServiceAccount](#) (required)
Body Parameter — Create service account

Return type

[inline response 201 3](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

201

Create service account successful [inline response 201 3](#)

4XX

Client error response [inline response 4XX 16](#)

5XX

Server error response [inline response 4XX 16](#)

POST /iam/v4.0.b1/authn/service-accounts/{extId}/access-keys

Create service account key (`createServiceAccountKey`)

Create service account cert/key

Path parameters

extId (required)

Path Parameter – External identifier of the service account

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [iam.v4.r0.b1.authn.ServiceAccountKey](#) (optional)

Body Parameter – Create service account cert/key

Return type

[inline response 201 4](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

201

Create service account cert/key successful [inline response 201 4](#)

4XX

Client error response [inline response 4XX 19](#)

5XX

Server error response [inline response 4XX 19](#)

GET /iam/v4.0.b1/authn/service-accounts/{svcAccExtId}/api-keys/{extId}

Get API key ([getApiKeyById](#))

View API key

Path parameters

svcAccExtId (required)

Path Parameter — External identifier of the service account

extId (required)

Path Parameter — External identifier of the API key

Return type

[inline response 200 17](#)

Example data

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults" : 0,
    "flags": [ {
      "name": "name",
      "value" : false
    }, {
      "name": "name",
      "value" : false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    }, {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    } ],
    "links": [ {
      "rel": "rel",
      "href": "href"
    }, {
      "rel": "rel",
      "href": "href"
    } ],
    "extraInfo": [ {
      "name": "name",
      "value": ""
    }, {
      "name": "name",
      "value": ""
    } ]
  },
  "data": ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

View API key successful [inline response 200 17](#)

4XX

Client error response [inline response 4XX 23](#)

5XX

Server error response [inline response 4XX 23](#)

GET /iam/v4.0.b1/authn/service-accounts/{extId}/api-keys

List API keys ([getApiKeyList](#))

List API keys

Path parameters

extId (required)

Path Parameter – External identifier of the service account

Query parameters

\$page (optional)

Query Parameter – A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter – A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter –

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

- createdBy
- name
- status

\$orderby (optional)

Query Parameter –

A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- expiryTime
- lastUsedTime
- name

\$select (optional)

Query Parameter –

A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.

- apiKey
- createdBy
- createdTime
- customOptions
- description
- expiryTime
- extId
- lastUsedTime
- links
- name
- scope
- status
- tenantId

Return type

[inline response 200 16](#)

Example data

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults": 0,
    "flags": [ {
      "name": "name",
      "value": false
    }, {
      "name": "name",
      "value": false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    }, {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    } ],
    "links": [ {
      "rel": "rel",
      "href": "href"
    }, {
      "rel": "rel",
      "href": "href"
    } ],
    "extraInfo": [ {
      "name": "name",
      "value": ""
    }, {
      "name": "name",
      "value": ""
    } ]
  },
}
```

```
{
  "data" : [ "", "" ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**List API keys successful [inline response 200 16](#)**4XX**Client error response [inline response 4XX 21](#)**5XX**Server error response [inline response 4XX 21](#)

GET /iam/v4.0.b1/authn/service-accounts/{extId}

[Up](#)Get service account ([getServiceAccountByld](#))

View service account

Path parameters**extId (required)***Path Parameter* — External identifier of the service account**Return type**[inline response 200 13](#)**Example data**

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults" : 0,
    "flags": [ {
      "name": "name",
      "value": false
    }, {
      "name": "name",
      "value": false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    }, {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    } ],
    "links": [ {
      "rel": "rel",
      "href": "href"
    }, {
      "rel": "rel",
      "href": "href"
    } ],
    "extraInfo": [ {
      "name": "name",
      "value": ""
    }, {
      "name": "name",
      "value": ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**View service account successful [inline response 200 13](#)

4XX

Client error response [inline response 4XX 17](#)

5XX

Server error response [inline response 4XX 17](#)

GET /iam/v4.0.b1/authn/service-accounts/{svcAccExtId}/access-keys/{extId}

[Up](#)Get service account key (`getServiceAccountKeyById`)

View service account cert/key

Path parameters**svcAccExtId (required)***Path Parameter* — External identifier of the service account**extId (required)***Path Parameter* — External identifier of the service account key**Return type**[inline response 200 15](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

View service account cert/key successful [inline response 200 15](#)

4XX

Client error response [inline response 4XX 20](#)

5XX

Server error response [inline response 4XX 20](#)

GET /iam/v4.0.b1/authn/service-accounts/{extId}/access-keys

[Up](#)List service account keys (`getServiceAccountKeyList`)

List service account certs/keys

Path parameters

extId (required)

Path Parameter — External identifier of the service account

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

- createdBy
- name
- serialNumber

\$orderby (optional)

Query Parameter —

A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- createdTime
- expiryTime
- name
- serialNumber

\$select (optional)

Query Parameter —

A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.

- certificate
- createdBy
- createdTime
- description
- expiryTime
- extId
- links
- name
- privateKey
- serialNumber
- tenantId

Return type

[inline response 200 14](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
```

```

    "value" : ""
  } ]
},
"data" : [ "", "" ]
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

List service account certs/keys successful [inline response 200 14](#)

4XX

Client error response [inline response 4XX 18](#)

5XX

Server error response [inline response 4XX 18](#)

GET /iam/v4.0.b1/authn/service-accounts

[Up](#)

List service accounts ([getServiceAccountList](#))

List all service accounts

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

- createdBy
- emailId
- name

\$orderby (optional)

Query Parameter —

A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- createdTime
- emailId
- lastUpdatedTime
- name

\$select (optional)

Query Parameter —

A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.

- createdBy
- createdTime
- description
- emailId
- extId
- lastUpdatedTime
- links
- name
- nutanixAccessKeys
- nutanixApiKeys
- tenantId

Return type

[inline response 200 12](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ]
  }
}

```



```

    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : [ "", "" ]
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**List service accounts successful [inline response 200 12](#)**4XX**Client error response [inline response 4XX 15](#)**5XX**Server error response [inline response 4XX 15](#)

POST /iam/v4.0.b1/authn/service-accounts/{svcAccExtId}/api-keys/{extId}/\$action [Up](#)

Revoke API key (**revokeApiKey**)

Revoke API key

Path parameters**svcAccExtId (required)***Path Parameter* — External identifier of the service account**extId (required)***Path Parameter* — External identifier of the API key**Return type**[inline response 200 18](#)**Example data**

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    } ]
  }
}

```

```

    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  } ]
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**Revoke API key successful [inline response 200 18](#)**4XX**Client error response [inline response 4XX 24](#)**5XX**Server error response [inline response 4XX 24](#)

User

POST /iam/v4.0.b1/authn/users/\$actions/change-password

[Up](#)

Change password of user (**changeUserPassword**)

Change Password for a user

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [iam.v4.r0.b1.authn.PasswordChangeRequest](#) (required)

Body Parameter — Change Password for a user

Return type

[inline response 200 21](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {

```

```

    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Change Password successful [inline response 200 21](#)

4XX

Client error response [inline response 4XX 28](#)

5XX

Server error response [inline response 4XX 28](#)

POST /iam/v4.0.b1/authn/users

[Up](#)

Create user (**createUser**)

Create a user

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [iam.v4.r0.b1.authn.User](#) (required)
Body Parameter — Create a user

Return type

[inline response 201 6](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },

```

```
{
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

201

Create user successful [inline response 201 6](#)

4XX

Client error response [inline response 4XX 27](#)

5XX

Server error response [inline response 4XX 27](#)

POST /iam/v4.0.b1/authn/users/{extId}/buckets-access-keys

[Up](#)

Create bucket access key for user (**createUserBucketKey**)

Create access key Id and secret access key to call Nutanix Buckets service.

Path parameters

extId (required)

Path Parameter — External Identifier of the user

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body **iam.v4.r0.b1.authn.BucketsAccessKey** (required)

Body Parameter — Create access key Id and secret access key to call Nutanix Buckets service.

Return type

[inline response 201 7](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
}
```

```
"data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

201

Create Bucket Access Key successful [inline response 201 7](#)

4XX

Client error response [inline response 4XX 34](#)

5XX

Server error response [inline response 4XX 34](#)

GET /iam/v4.0.b1/authn/users/{extId}/buckets-access-keys

[Up](#)

List bucket access keys of user (**getUserBucketKeys**)

List all Bucket Access Key(s) for the user

Path parameters

extId (required)

Path Parameter — External Identifier of the user

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

- accessKeyName
- userId

\$orderby (optional)

Query Parameter —

A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- accessKeyName
- createdTime

Return type

[inline response 200 26](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ]
  }
}
```

```
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : [ "", "" ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

List Bucket Access Key(s) successful [inline response 200 26](#)

4XX

Client error response [inline response 4XX 33](#)

5XX

Server error response [inline response 4XX 33](#)

GET /iam/v4.0.b1/authn/users/{extId}

[Up](#)

Get user ([getUserById](#))

View a user

Path parameters

extId (required)

Path Parameter — External Identifier of the user

Return type

[inline response 200 22](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    } ]
  }
}
```

```

    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

View a user successful [inline response 200 22](#)

4XX

Client error response [inline response 4XX 29](#)

5XX

Server error response [inline response 4XX 29](#)

GET /iam/v4.0.b1/authn/users

[Up](#)

List user(s) (`getUserList`)

List all user(s)

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

- createdBy
- displayName
- emailId
- extId
- firstName
- idpId
- lastName
- status
- userType
- username

\$orderby (optional)

Query Parameter —

A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- createdTime
- displayName
- emailId
- firstName
- lastLoginTime
- lastName
- lastUpdatedTime
- userType
- username

\$select (optional)

Query Parameter —

A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.

- additionalAttributes
- bucketsAccessKeys
- createdBy
- createdTime
- displayName
- emailId
- extId
- firstName
- idpId
- isForceResetPasswordEnabled
- lastLoginTime
- lastName
- lastUpdatedTime
- links
- locale
- middleInitial
- password
- region
- status
- tenantId
- userType
- username

Return type

[inline response 200 20](#)

Example data

Content-Type: application/json

```

{
  "metadata": {
    "totalAvailableResults" : 0,
    "flags": [ {
      "name": "name",
      "value": false
    } ], {
      "name": "name",

```

```

    "value" : false
  } ],
  "messages" : [ {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : [ "", "" ]
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

List user(s) successful [inline response 200 20](#)

4XX

Client error response [inline response 4XX 26](#)

5XX

Server error response [inline response 4XX 26](#)

POST /iam/v4.0.b1/authn/users/{extId}/\$actions/reset-password

[Up](#)Reset password of user (**resetUserPassword**)

Reset Password for a user

Path parameters**extId (required)***Path Parameter* — External Identifier of the user**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/json

Request bodybody [iam.v4.r0.b1.authn.PasswordResetRequest](#) (required)*Body Parameter* — Reset Password for a user**Return type**[inline response 200 24](#)**Example data**

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ]
  }
}

```



```

    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  } ]
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Reset Password successful [inline response 200 24](#)

4XX

Client error response [inline response 4XX 31](#)

5XX

Server error response [inline response 4XX 31](#)

PUT /iam/v4.0.b1/authn/users/{extId}

[Up](#)

Update user (**updateUser**)

Update a user

Path parameters

extId (required)

Path Parameter — External Identifier of the user

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [iam.v4.r0.b1.authn.User](#) (required)

Body Parameter — Update a user

Request headers

Return type

[inline response 200 23](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ]
  }
}

```

```

    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**Update user successful [inline response 200 23](#)**4XX**Client error response [inline response 4XX 30](#)**5XX**Server error response [inline response 4XX 30](#)

POST /iam/v4.0.b1/authn/users/{extId}/\$actions/change-state

[Up](#)Update active state of user (**updateUserState**)

Update active state of a user

Path parameters**extId (required)***Path Parameter* – External Identifier of the user**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/json

Request bodybody [iam.v4.r0.b1.authn.UserStateUpdate](#) (required)*Body Parameter* – Update active state of a user**Return type**[inline response 200 25](#)**Example data**

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
  }
}

```

```

    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  } ]
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**Update state of user successful [inline response 200 25](#)**4XX**Client error response [inline response 4XX 32](#)**5XX**Server error response [inline response 4XX 32](#)

UserGroup

POST /iam/v4.0.b1/authn/user-groups

[Up](#)Create user group (**createUserGroup**)

Create a user group

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request bodybody [iam.v4.r0.b1.authn.UserGroup](#) (required)*Body Parameter* — Create a user group**Return type**[inline response 201 8](#)**Example data**

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ]
  }
}

```

```

    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**201**Create user group successful [inline response 201 8](#)**4XX**Client error response [inline response 4XX 36](#)**5XX**Server error response [inline response 4XX 36](#)

GET /iam/v4.0.b1/authn/user-groups/{extId}

[Up](#)

Get user group (getUserGroupById)

View a user group

Path parameters**extId (required)***Path Parameter* — External Identifier of the user group**Return type**[inline response 200 28](#)**Example data**

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",

```

```

    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

View a user group successful [inline response 200 28](#)

4XX

Client error response [inline response 4XX 37](#)

5XX

Server error response [inline response 4XX 37](#)

GET /iam/v4.0.b1/authn/user-groups

[Up](#)

List user group(s) ([getUserGroupList](#))

List all user group(s)

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

- createdBy
- distinguishedName
- extId
- groupType
- idpId
- name

\$orderby (optional)

Query Parameter —

A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- createdTime
- distinguishedName
- groupType
- lastUpdatedTime
- name

\$select (optional)

Query Parameter —

A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.

- createdBy
- createdTime
- distinguishedName
- extId
- groupType
- idpId
- lastUpdatedTime
- links
- name
- tenantId

Return type

[inline response 200 27](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {

```

```

    "name" : "name",
    "value" : false
  } ],
  "messages" : [ {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : [ "", "" ]
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

List user group(s) successful [inline response 200 27](#)

4XX

Client error response [inline response 4XX 35](#)

5XX

Server error response [inline response 4XX 35](#)

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141. [iam.v4.r0.b1.authz.EntityOperators](#)
142. [iam.v4.r0.b1.authz.HttpMethod](#)
143. [iam.v4.r0.b1.authz.IdentityFilter](#)
144. [iam.v4.r0.b1.authz.IdentityObject](#)
145. [iam.v4.r0.b1.authz.IdentityType](#)
146. [iam.v4.r0.b1.authz.ListAuthorizationPolicyApiResponse](#)
147. [iam.v4.r0.b1.authz.ListClientApiResponse](#)
148. [iam.v4.r0.b1.authz.ListEntityApiResponse](#)
149. [iam.v4.r0.b1.authz.ListOperationApiResponse](#)
150. [iam.v4.r0.b1.authz.ListRoleApiResponse](#)
151. [iam.v4.r0.b1.authz.Operation](#)
152. [iam.v4.r0.b1.authz.OperationType](#)
153. [iam.v4.r0.b1.authz.RequestObject](#)
154. [iam.v4.r0.b1.authz.ResponseType](#)
155. [iam.v4.r0.b1.authz.Role](#)
156. [iam.v4.r0.b1.authz.Tenant](#)
157. [iam.v4.r0.b1.authz.TenantConfigurationResponse](#)
158. [iam.v4.r0.b1.authz.UpdateAuthorizationPolicyApiResponse](#)
159. [iam.v4.r0.b1.authz.UpdateClientApiResponse](#)
160. [iam.v4.r0.b1.authz.UpdateRoleApiResponse](#)
161. [iam.v4.r0.b1.authz.ViewAuthorizationPolicyApiResponse](#)
162. [iam.v4.r0.b1.authz.ViewClientApiResponse](#)
163. [iam.v4.r0.b1.authz.ViewEntityApiResponse](#)
164. [iam.v4.r0.b1.authz.ViewOperationApiResponse](#)
165. [iam.v4.r0.b1.authz.ViewRoleApiResponse](#)
166. [iam.v4.r0.b1.common.SortOrderType](#)
167. [iam.v4.r0.b1.error.AppMessage](#)
168. [iam.v4.r0.b1.error.ErrorResponse](#)
169. [iam.v4.r0.b1.error.MessageSeverity](#)
170. [iam.v4.r0.b1.error.SchemaValidationError](#)
171. [iam.v4.r0.b1.error.SchemaValidationErrorMessage](#)
172. [iam.v4.r0.b1.tenant.Tenant](#)
173. [iam.v4.r0.b1.tenant.TenantConfigurationResponse](#)
174. [inline response 200](#)
175. [inline response 200 1](#)
176. [inline response 200 10](#)
177. [inline response 200 11](#)
178. [inline response 200 12](#)
179. [inline response 200 13](#)
180. [inline response 200 14](#)
181. [inline response 200 15](#)
182. [inline response 200 16](#)
183. [inline response 200 17](#)
184. [inline response 200 18](#)
185. [inline response 200 19](#)
186. [inline response 200 2](#)
187. [inline response 200 20](#)
188. [inline response 200 21](#)
189. [inline response 200 22](#)
190. [inline response 200 23](#)
191. [inline response 200 24](#)
192. [inline response 200 25](#)

193. [inline response 200 26](#)
194. [inline response 200 27](#)
195. [inline response 200 28](#)
196. [inline response 200 29](#)
197. [inline response 200 3](#)
198. [inline response 200 30](#)
199. [inline response 200 31](#)
200. [inline response 200 32](#)
201. [inline response 200 33](#)
202. [inline response 200 34](#)
203. [inline response 200 35](#)
204. [inline response 200 36](#)
205. [inline response 200 37](#)
206. [inline response 200 38](#)
207. [inline response 200 39](#)
208. [inline response 200 4](#)
209. [inline response 200 40](#)
210. [inline response 200 5](#)
211. [inline response 200 6](#)
212. [inline response 200 7](#)
213. [inline response 200 8](#)
214. [inline response 200 9](#)
215. [inline response 201](#)
216. [inline response 201 1](#)
217. [inline response 201 10](#)
218. [inline response 201 2](#)
219. [inline response 201 3](#)
220. [inline response 201 4](#)
221. [inline response 201 5](#)
222. [inline response 201 6](#)
223. [inline response 201 7](#)
224. [inline response 201 8](#)
225. [inline response 201 9](#)
226. [inline response 304](#)
227. [inline response 4XX](#)
228. [inline response 4XX 1](#)
229. [inline response 4XX 10](#)
230. [inline response 4XX 11](#)
231. [inline response 4XX 12](#)
232. [inline response 4XX 13](#)
233. [inline response 4XX 14](#)
234. [inline response 4XX 15](#)
235. [inline response 4XX 16](#)
236. [inline response 4XX 17](#)
237. [inline response 4XX 18](#)
238. [inline response 4XX 19](#)
239. [inline response 4XX 2](#)
240. [inline response 4XX 20](#)
241. [inline response 4XX 21](#)
242. [inline response 4XX 22](#)
243. [inline response 4XX 23](#)
244. [inline response 4XX 24](#)
245. [inline response 4XX 25](#)
246. [inline response 4XX 26](#)
247. [inline response 4XX 27](#)
248. [inline response 4XX 28](#)
249. [inline response 4XX 29](#)
250. [inline response 4XX 3](#)
251. [inline response 4XX 30](#)
252. [inline response 4XX 31](#)
253. [inline response 4XX 32](#)
254. [inline response 4XX 33](#)
255. [inline response 4XX 34](#)
256. [inline response 4XX 35](#)
257. [inline response 4XX 36](#)
258. [inline response 4XX 37](#)
259. [inline response 4XX 38](#)
260. [inline response 4XX 39](#)
261. [inline response 4XX 4](#)
262. [inline response 4XX 40](#)
263. [inline response 4XX 41](#)
264. [inline response 4XX 42](#)
265. [inline response 4XX 43](#)
266. [inline response 4XX 44](#)
267. [inline response 4XX 45](#)
268. [inline response 4XX 46](#)
269. [inline response 4XX 47](#)
270. [inline response 4XX 48](#)
271. [inline response 4XX 49](#)
272. [inline response 4XX 5](#)
273. [inline response 4XX 50](#)

- 274. [inline response 4XX 51](#)
- 275. [inline response 4XX 52](#)
- 276. [inline response 4XX 6](#)
- 277. [inline response 4XX 7](#)
- 278. [inline response 4XX 8](#)
- 279. [inline response 4XX 9](#)

common.v1.r0.a3.config.Flag[Up](#)

Many entities in the Nutanix APIs carry flags. This object captures all the flags associated with that entity through this object. The field that hosts this type of object must have an attribute called x-bounded-map-keys that tells which flags are actually present for that entity.

name (optional)

[String](#)

value (optional)

[Boolean](#)

common.v1.r0.a3.config.KVPair[Up](#)

A map describing a set of keys and their corresponding values.

name (optional)

[String](#) The key of this key-value pair

value (optional)

The value associated with the key for this key-value pair
oneOf:

common.v1.r0.a3.config.Message[Up](#)

code (optional)

[String](#) A code that uniquely identifies a message.

message (optional)

[String](#) The description of the message.

locale (optional)

[String](#) The locale for the message description.

severity (optional)

[common.v1.r0.a3.config.MessageSeverity](#)

common.v1.r0.a3.config.MessageSeverity[Up](#)

The message severity.

common.v1.r0.a3.config.TenantAwareModel[Up](#)

A model base class whose instances are bound to a specific tenant. This model adds a tenantId to the base model class that it extends and is automatically set by the server.

tenantId (optional)

[String](#) A globally unique identifier that represents the tenant that owns this entity. It is automatically assigned by the system and is immutable from an API consumer perspective (some use cases may cause this Id to change - for instance a use case may require the transfer of ownership of the entity, but these cases are handled automatically on the server).

common.v1.r0.a3.response.ApiLink[Up](#)

A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

href (optional)

[String](#) The URL at which the entity described by the link can be accessed.

rel (optional)

[String](#) A name that identifies the relationship of the link to the object that is returned by the URL. The unique value of "self" identifies the URL for the object.

common.v1.r0.a3.response.ApiResponseMetadata[Up](#)

The metadata associated with an API response. This value is always present and minimally contains the self-link for the API request that produced this response. It also contains pagination data for the paginated requests.

flags (optional)

[array\[common.v1.r0.a3.config.Flag\]](#) An array of flags that may indicate the status of the response. For example a flag with name isPaginated and value false indicates that the response is not paginated.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) An array of HATEOAS style links for the response that may also include pagination links for list operations.

totalAvailableResults (optional)

[Integer](#) The total number of entities that are available on the server for this type. format: int32

messages (optional)

[array\[common.v1.r0.a3.config.Message\]](#) Information, Warning or Error messages that might provide additional contextual information related to the operation.

extralInfo (optional)

[array\[common.v1.r0.a3.config.KVPair\]](#) An array of entity-specific metadata

common.v1.r0.a3.response.ExternalizableAbstractModel

[Up](#)

A model that represents an object instance that is accessible through an API endpoint. Instances of this type get an extId field that contains the globally unique identifier for that instance. Externally accessible instances are always tenant aware and therefore extend the TenantAwareModel

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

tenantId (optional)

[String](#) A globally unique identifier that represents the tenant that owns this entity. It is automatically assigned by the system and is immutable from an API consumer perspective (some use cases may cause this Id to change - for instance a use case may require the transfer of ownership of the entity, but these cases are handled automatically on the server).

iam.v4.r0.b1.authn.ActivateUserApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/users/{extId}/\$actions/change-state Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.AlgoType

[Up](#)

Algorithm types for OIDC key

iam.v4.r0.b1.authn.ApiKey

[Up](#)

Credentials in the form of a unique random key for the service account

name

[String](#) Identifier for the API key in the form of a name

description (optional)

[String](#) Brief description of the API key

scope (optional)

[array\[String\]](#) An optional set of audiences for the API key, meant to restrict its access to APIs

customOptions (optional)

[iam.v4.r0.b1.authn.ApiKeyCustomOptions](#)

apiKey (optional)

[String](#) The actual API key value, returned only during creation

status (optional)

[iam.v4.r0.b1.authn.ApiKeyStatusType](#)

createdTime (optional)

[Date](#) The creation time of the API key format: date-time

createdBy (optional)

[String](#) User or service who created the API key

lastUsedTime (optional)

[Date](#) The time when the API key was last used format: date-time

expiryTime (optional)

[Date](#) The expiry time of the API key format: date-time

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

iam.v4.r0.b1.authn.ApiKeyCustomOptions

[Up](#)

Optional customizations for the API key

alphabet

[String](#) Custom set of characters for the API key

length

[Integer](#) Custom length of the API key

iam.v4.r0.b1.authn.ApiKeyStatusType[Up](#)

The revocation status of the API key

iam.v4.r0.b1.authn.ApiKeyValidateRequest[Up](#)

Body of the validate request, consists of an audience

audience (optional)

[String](#)

iam.v4.r0.b1.authn.ApiKeyValidateResponse[Up](#)

Response of the validate request, consists of the API key details and the service account ID

serviceAccountId (optional)

[String](#)

name

[String](#) Identifier for the API key in the form of a name

description (optional)

[String](#) Brief description of the API key

scope (optional)

[array\[String\]](#) An optional set of audiences for the API key, meant to restrict its access to APIs

customOptions (optional)

[iam.v4.r0.b1.authn.ApiKeyCustomOptions](#)

apiKey (optional)

[String](#) The actual API key value, returned only during creation

status (optional)

[iam.v4.r0.b1.authn.ApiKeyStatusType](#)

createdTime (optional)

[Date](#) The creation time of the API key format: date-time

createdBy (optional)

[String](#) User or service who created the API key

lastUsedTime (optional)

[Date](#) The time when the API key was last used format: date-time

expiryTime (optional)

[Date](#) The expiry time of the API key format: date-time

iam.v4.r0.b1.authn.AuthMethodType[Up](#)

Supported Auth methods

iam.v4.r0.b1.authn.BucketsAccessKey[Up](#)

Information of Bucket access key

accessKeyName

[String](#) Name of the bucket access key

secretAccessKey (optional)

[String](#) Secret access key, it will be returned only during bucket access key creation

userId

[String](#) User Identifier who owns the bucket access key

createdTime (optional)

[Date](#) Creation time for the bucket access key format: date-time

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

iam.v4.r0.b1.authn.CertAuthProvider[Up](#)

A certificate based authentication provider

name

[String](#) Unique name of the certificate based authentication provider.

clientCaChain

[String](#) Ca chain file

isCertAuthEnabled

[Boolean](#) Flag to enable/disable CAC for the current certificate based authentication provider.

isCacEnabled

[Boolean](#) Flag to enable/disable Cert Auth for the current certificate based authentication provider.

dirSvcExtId (optional)
[String](#) UUID of an existing directory service

caCertFileName
[String](#) Name of the uploaded CA chain file

certRevocationInfo (optional)
[iam.v4.r0.b1.authn.CertRevocationInfo](#)

createdTime (optional)
[Date](#) Creation time of the CertAuthProvider format: date-time

lastUpdatedTime (optional)
[Date](#) Last updated time of the CertAuthProvider format: date-time

createdBy (optional)
[String](#) User or service who created the CertAuthProvider

extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

iam.v4.r0.b1.authn.CertRevocationInfo

[Up](#)

Configuration details used for determining if the client certificate is revoked.

isOcsEnabled (optional)
[Boolean](#) Flag to enable/disable OCSF revocation check

ocspResponder (optional)
[String](#) URL of the OCSF responder used to override the url from AIA extension

isCrlEnabled (optional)
[Boolean](#) Flag to enable/disable CRL revocation check

crlDps (optional)
[array\[String\]](#) List of the CRL distribution points which will be used to fetch the CRLs

globalCrlRefreshInterval (optional)
[Integer](#) Interval in seconds at which the CRL should be fetched from the CRLDP, default = 86400 seconds(1 day)

iam.v4.r0.b1.authn.ChangeUserPasswordApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/users/\$actions/change-password Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.ClaimsType

[Up](#)

Supported claims types

iam.v4.r0.b1.authn.ConnectionDirectoryServiceApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/directory-services/{extId}/\$actions/verify-connection-status Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.CreateApiKeyApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/service-accounts/{extId}/api-keys Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [iam.v4.r0.b1.authn.ApiKey](#) [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.CreateCertAuthProviderApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/cert-auth-providers Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [iam.v4.r0.b1.authn.CertAuthProvider](#) [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.CreateDirectoryServiceApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/directory-services Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [iam.v4.r0.b1.authn.DirectoryService](#) [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.CreateFederationApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/federation Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [iam.v4.r0.b1.authn.Federation](#) [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.CreateSamlIdentityProviderApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/saml-identity-providers Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [iam.v4.r0.b1.authn.SamlIdentityProvider](#)
[iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.CreateServiceAccountApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/service-accounts Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [iam.v4.r0.b1.authn.ServiceAccount](#) [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.CreateServiceAccountKeyApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/service-accounts/{extId}/access-keys Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [iam.v4.r0.b1.authn.ServiceAccountKey](#) [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.CreateUserApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/users Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [iam.v4.r0.b1.authn.User](#) [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.CreateUserGroupApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/user-groups Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [iam.v4.r0.b1.authn.UserGroup](#) [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.CreateUserKeyApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/users/{extId}/buckets-access-keys Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [iam.v4.r0.b1.authn.BucketsAccessKey](#) [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.DeleteApiKeyApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/service-accounts/{svcAccExtId}/api-keys/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
oneOf: [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.DeleteCertAuthProviderApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/cert-auth-providers/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
oneOf: [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.DeleteDirectoryServiceApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/directory-services/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
oneOf: [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.DeleteFederationApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/federation Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
oneOf: [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.DeleteSamlIdentityProviderApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/saml-identity-providers/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
oneOf: [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.DeleteServiceAccountApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/service-accounts/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
oneOf: [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.DeleteServiceAccountKeyApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/service-accounts/{svcAccExtId}/access-keys/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
oneOf: [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.DeleteUserApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/users/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
oneOf: [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.DeleteUserGroupApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/user-groups/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)

oneOf: [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.DeleteUserKeyApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/users/{userExtId}/buckets-access-keys/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.DirectoryService

[Up](#)

Information of a directory service

name
[String](#) Name for the directory service
 url
[String](#) Url for the directory service
 secondaryUrls (optional)
[array\[String\]](#) Secondary Url for the directory service
 domainName
[String](#) Domain name for the directory service
 directoryType
[iam.v4.r0.b1.authn.DirectoryType](#)
 serviceAccount
[iam.v4.r0.b1.authn.DsServiceAccount](#)
 openLdapConfiguration (optional)
[iam.v4.r0.b1.authn.OpenLdapConfig](#)
 groupSearchType (optional)
[iam.v4.r0.b1.authn.GroupSearchType](#)
 whiteListedGroups (optional)
[array\[String\]](#) List of allowed user groups for the directory service
 createdTime (optional)
[Date](#) Creation time of the directory service format: date-time
 lastUpdatedTime (optional)
[Date](#) Last updated time of the directory service format: date-time
 createdBy (optional)
[String](#) User or service who created the directory service
 extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.
 links (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

iam.v4.r0.b1.authn.DirectoryServiceConnectionRequest

[Up](#)

Information for directory service connection request

username
[String](#) Username to connect to the directory service
 password
[String](#) Password to connect to the directory service

iam.v4.r0.b1.authn.DirectoryServiceInfo

[Up](#)

AD/LDAP information of the user

userId
[String](#) External Identifier of the user
 groups
[array\[iam.v4.r0.b1.authn.DirectoryServiceInfoGroup\]](#) List of AD/LDAP groups having the user
 ou
[array\[iam.v4.r0.b1.authn.DirectoryServiceInfoOu\]](#) List of AD/LDAP OUs having the given user

iam.v4.r0.b1.authn.DirectoryServiceInfoGroup

[Up](#)

Information of AD group having the user

name
[String](#) Name of the group
 extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

iam.v4.r0.b1.authn.DirectoryServiceInfoOu

[Up](#)

Information of OUs having the user

name

[String](#) Name of the OU

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

iam.v4.r0.b1.authn.DirectoryServiceSearchAttribute

[Up](#)

Information of searched attributes

values (optional)

[array\[String\]](#) Value of the attribute

name (optional)

[String](#) Name of the attribute

iam.v4.r0.b1.authn.DirectoryServiceSearchEntity

[Up](#)

Information of single search entity

entityType (optional)

[String](#) Type of entity either user or group

name (optional)

[String](#) Name of the entity in canonical format

attributes (optional)

[array\[iam.v4.r0.b1.authn.DirectoryServiceSearchAttribute\]](#)

iam.v4.r0.b1.authn.DirectoryServiceSearchQuery

[Up](#)

Information for directory search query

query

[String](#) Query string for directory service search

searchedAttributes (optional)

[array\[String\]](#) Attributes for search operation. By default search will be performed with common name

returnedAttributes (optional)

[array\[String\]](#) Attributes the search operation returns

isWildcardSearch (optional)

[Boolean](#) Flag indicating whether the search should be a wildcard search or not

iam.v4.r0.b1.authn.DirectoryServiceSearchResult

[Up](#)

Information of directory service search result

searchResults (optional)

[array\[iam.v4.r0.b1.authn.DirectoryServiceSearchEntity\]](#) Result of directory service search

domainName (optional)

[String](#) Domain name for the directory service

iam.v4.r0.b1.authn.DirectoryType

[Up](#)

Type of directory service

iam.v4.r0.b1.authn.DiscoverySubjectType

[Up](#)

Supported subject types

iam.v4.r0.b1.authn.DsServiceAccount

[Up](#)

Information of service account to connect to the directory service

username

[String](#) Username to connect to the directory service

password

[String](#) Password to connect to the directory service

iam.v4.r0.b1.authn.Federation[Up](#)

Description of the OIDC provider

wellKnownConfig

[String](#) Well known URL of the OIDC provider

idpId

[String](#) IDP attached to users of the OIDC provider

cloudTenant

[String](#) Provider side tenant that is registering domain

cloudApiKey (optional)

[String](#) API key for authenticating to the OIDC provider

claimMap (optional)

[iam.v4.r0.b1.authn.FederationClaims](#)

createdTime (optional)

[Date](#) Creation time of the OIDC provider format: date-time

lastUpdatedTime (optional)

[Date](#) Last updated time of the OIDC provider format: date-time

createdBy (optional)

[String](#) User or service who created the OIDC provider

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.**iam.v4.r0.b1.authn.FederationClaims**[Up](#)

Mapping of claims from IAM to the OIDC provider

name (optional)

[String](#)

email (optional)

[String](#)**iam.v4.r0.b1.authn.GetApiKeyApiResponse**[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/service-accounts/{svcAccExtId}/api-keys/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [iam.v4.r0.b1.authn.ApiKey](#) [iam.v4.r0.b1.error.ErrorResponse](#)**iam.v4.r0.b1.authn.GetCertAuthProviderApiResponse**[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/cert-auth-providers/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [iam.v4.r0.b1.authn.CertAuthProvider](#) [iam.v4.r0.b1.error.ErrorResponse](#)**iam.v4.r0.b1.authn.GetDirectoryServiceApiResponse**[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/directory-services/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [iam.v4.r0.b1.authn.DirectoryService](#) [iam.v4.r0.b1.error.ErrorResponse](#)**iam.v4.r0.b1.authn.GetFederationApiResponse**[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/federation Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [iam.v4.r0.b1.authn.Federation](#) [iam.v4.r0.b1.error.ErrorResponse](#)**iam.v4.r0.b1.authn.GetSamlIdentityProviderApiResponse**[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/saml-identity-providers/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [iam.v4.r0.b1.authn.SamlIdentityProvider](#)
[iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.GetSamlSpMetadataApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/saml-sp-metadata Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.GetSecretKeyApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/buckets-access-keys/{accessKeyId}/secret-key Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [iam.v4.r0.b1.authn.SecretKeyResponse](#) [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.GetServiceAccountApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/service-accounts/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [iam.v4.r0.b1.authn.ServiceAccount](#) [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.GetServiceAccountKeyApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/service-accounts/{svcAccExtId}/access-keys/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [iam.v4.r0.b1.authn.ServiceAccountKey](#) [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.GetUserApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/users/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [iam.v4.r0.b1.authn.User](#) [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.GetUserGroupApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/user-groups/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [iam.v4.r0.b1.authn.UserGroup](#) [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.GetUserInfoApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/oidc/userinfo Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [iam.v4.r0.b1.authn.OidcUserInfo](#) [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.GrantType

[Up](#)

Type of grant

iam.v4.r0.b1.authn.Group

[Up](#)

Information of a group of users

name

[String](#) The name of group.

extId

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

iam.v4.r0.b1.authn.GroupSearchType

[Up](#)

Group membership search type for the directory service

iam.v4.r0.b1.authn.GroupType

[Up](#)

Type of the user group

iam.v4.r0.b1.authn.IdpMetadata

[Up](#)

Information of the IDP

entityId

[String](#) Entity Id of Identity provider

loginUrl

[String](#) Login URL of the Identity provider

logoutUrl (optional)

[String](#) Logout URL of the Identity provider

errorUrl (optional)

[String](#) Error URL of the Identity provider

certificate

[String](#) Certificate for verification

nameIdPolicyFormat (optional)

[iam.v4.r0.b1.authn.NameIdPolicyFormat](#)

iam.v4.r0.b1.authn.KeyType

[Up](#)

Type of OIDC key

iam.v4.r0.b1.authn.ListApiKeyApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/service-accounts/{extId}/api-keys Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.ListCertAuthProviderApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/cert-auth-providers Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.ListDirectoryServiceApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/directory-services Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.ListSamlIdentityProviderApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/saml-identity-providers Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.ListServiceAccountApiResponse[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/service-accounts Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.ListServiceAccountKeyApiResponse[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/service-accounts/{extId}/access-keys Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.ListUserApiResponse[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/users Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.ListUserGroupApiResponse[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/user-groups Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.ListUserKeyApiResponse[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/users/{extId}/buckets-access-keys Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.NameIdPolicyFormat[Up](#)

Name ID Policy format

iam.v4.r0.b1.authn.OidcClient[Up](#)

Information for OIDC client

client_name
[String](#) Name of OIDC client
 application_type (optional)
[String](#) Application type for OIDC client
 redirect_uris
[array\[String\]](#) Redirect URIs for OIDC client
 sha256_thumbprint_list (optional)
[array\[String\]](#) SHA256 of a certificate public key
 created_time (optional)
[Date](#) Creation time of the OIDC client format: date-time
 last_updated_time (optional)
[Date](#) Last Update time of the OIDC client format: date-time
 client_id (optional)
[String](#) Unique client identifier generated by the server
 client_secret (optional)
[String](#) Credential generated by the server for authentication of the OIDC client

iam.v4.r0.b1.authn.OidcKey[Up](#)

JSON Web Key that can be used to verify the signature of tokens issued by IAM

alg

[iam.v4.r0.b1.authn.AlgoType](#)

use

[iam.v4.r0.b1.authn.UseType](#)

key

[iam.v4.r0.b1.authn.KeyType](#)

kid

[String](#) Unique identifier for the key

x5c

[String](#) x509 certificate chain for the key

n

[String](#) Modulus for a standard pem

e

[String](#) Exponent for a standard pem

iam.v4.r0.b1.authn.OidcKeys

[Up](#)

Information of IAM OpenID keys

keys

[array\[iam.v4.r0.b1.authn.OidcKey\]](#) List of JSON Web Keys that can be used to verify the signature of tokens issued by IAM

iam.v4.r0.b1.authn.OidcSubjectType

[Up](#)

Type of the subject

iam.v4.r0.b1.authn.OidcUserinfo

[Up](#)

IAM OpenID userinfo response

iss

[String](#) Base URL of the identity service which it asserts as its issuer identifier

sub

[String](#) Subject Identifier. A locally unique identifier for the end user

subType

[iam.v4.r0.b1.authn.OidcSubjectType](#)

exp

[Long](#) Expiration time for the identity claims in seconds since epoch format: int64

iat

[Long](#) Time at which the identity claims were issued in seconds since epoch format: int64

email

[String](#) Email address of the subject

isEmailVerified (optional)

[Boolean](#) Boolean to indicate if the email address of end user has been verified by IAM

name

[String](#) Display name of the user including the first and last name

userId

[String](#) UUID V5 created for the user by IAM

connectorId

[String](#) UUID V5 of the authentication connector that was used to verify the credentials of the user

groups (optional)

[array\[iam.v4.r0.b1.authn.Group\]](#) List of groups obtained from the authentication provider for the user

tenant

[iam.v4.r0.b1.authn.Tenant](#)

customClaims (optional)

[map\[String, String\]](#) Any additional user attributes obtained from the authentication provider in the form of key/value pairs.

legacyRoles (optional)

[array\[String\]](#) List of legacy Prism roles for the user

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

iam.v4.r0.b1.authn.OidcWellKnownConfig

[Up](#)

Information of OIDC well-known config

issuer

[String](#) Base URL of the identity service which it asserts as its issuer identifier

registration_endpoint
[String](#) URL of the dynamic client registration endpoint

authorization_endpoint
[String](#) URL of the OIDC authorization endpoint

token_endpoint
[String](#) URL of the OIDC token endpoint

jwtks_uri
[String](#) URL of JSON Web Key Set document of the identity service

response_types_supported
[array\[iam.v4.r0.b1.authn.ResponseType\]](#) List of supported OIDC response type values

subject_types_supported
[array\[iam.v4.r0.b1.authn.DiscoverySubjectType\]](#) List of supported subject types

id_token_signing_alg_values_supported
[array\[iam.v4.r0.b1.authn.SigningAlgoType\]](#) List of the JWS signing algorithms supported for the ID Token

scopes_supported
[array\[iam.v4.r0.b1.authn.ScopesType\]](#) List of supported OIDC scope values

token_endpoint_auth_methods_supported
[array\[iam.v4.r0.b1.authn.AuthMethodType\]](#) List of client authentication methods supported by the token endpoint

claims_supported
[array\[iam.v4.r0.b1.authn.ClaimsType\]](#) List of supported claims

iam.v4.r0.b1.authn.OpenLdapConfig

[Up](#)

Configuration for OpenLDAP directory service

userConfiguration
[iam.v4.r0.b1.authn.UserConfiguration](#)

userGroupConfiguration
[iam.v4.r0.b1.authn.UserGroupConfiguration](#)

iam.v4.r0.b1.authn.PasswordChangeRequest

[Up](#)

Information for password change of user

username
[String](#) Identifier for the user in the form an email address

oldPassword
[String](#) Current password of the user

newPassword
[String](#) New password for the user

iam.v4.r0.b1.authn.PasswordResetRequest

[Up](#)

Information for password reset of user

newPassword
[String](#) New password for the user

iam.v4.r0.b1.authn.ResetUserPasswordApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/users/{extId}/\$actions/reset-password Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.ResponseType

[Up](#)

Supported OIDC response types

iam.v4.r0.b1.authn.RevokeApiKeyApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/service-accounts/{svcAccExtId}/api-keys/{extId}/\$actions/revoke Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.SamlIdentityProvider

[Up](#)

Information of SAML IDP

idpMetadataUrl (optional)

[String](#) Metadata url that provides IDP details

idpMetadataXml (optional)

[String](#) Base64 encoded metadata in xml format with IDP details

idpMetadata (optional)

[iam.v4.r0.b1.authn.IdpMetadata](#)

name

[String](#) Unique name of the IDP

usernameAttribute (optional)

[String](#) SAML assertion username attribute element

emailAttribute (optional)

[String](#) SAML assertion email attribute element

groupsAttribute (optional)

[String](#) SAML assertion groups attribute element

groupsDelim (optional)

[String](#) Delimiter is used to split the value of attribute into multiple groups

customAttributes (optional)

[array\[String\]](#) SAML assertions for list of custom attribute elements

entityIssuer (optional)

[String](#) It will be used as Issuer in SAML authnRequest

isSignedAuthnReqEnabled (optional)

[Boolean](#) Flag indicating signing of SAML authnRequests

createdTime (optional)

[Date](#) Creation time of the SAML Identity Provider format: date-time

lastUpdatedTime (optional)

[Date](#) Last updated time of the SAML Identity Provider format: date-time

createdBy (optional)

[String](#) User or service who created the SAML Identity Provider

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.**iam.v4.r0.b1.authn.ScopeType**[Up](#)

Type of scope

iam.v4.r0.b1.authn.ScopesType[Up](#)

Supported OIDC scopes

iam.v4.r0.b1.authn.SearchDirectoryServiceApiResponse[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/directory-services/{extId}/\$actions/search Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[oneOf: iam.v4.r0.b1.authn.DirectoryServiceSearchResult](#)[iam.v4.r0.b1.error.ErrorResponse](#)**iam.v4.r0.b1.authn.SecretKeyRequest**[Up](#)

Get secret key and user details for given access key id

accessKeyId

[String](#) External Identifier for Bucket Access Key**iam.v4.r0.b1.authn.SecretKeyResponse**[Up](#)

IAM secret key response

secretAccessKey

[String](#) Secret access key, it will be returned only during bucket access key creation

emailId

[String](#) Email Id for the user

userId

[String](#) User Identifier who owns the bucket access key

userType

[iam.v4.r0.b1.authn.UserType](#)

tenantId

[String](#) ID of tenant for which configuration is being set up

idpId

[String](#) Identifier of the IDP for the user**iam.v4.r0.b1.authn.ServiceAccount**[Up](#)

A special type of identity meant for non-browser API clients

name

[String](#) Identifier for the service account in the form of a name

emailId (optional)

[String](#) Email ID of the service account

description (optional)

[String](#) Brief description of the service account

nutanixAccessKeys (optional)

[array\[iam.v4.r0.b1.authn.ServiceAccountKey\]](#) Nutanix access keys for the service account

nutanixApiKeys (optional)

[array\[iam.v4.r0.b1.authn.ApiKey\]](#) Nutanix API keys for the service account

createdTime (optional)

[Date](#) The creation time of the service account format: date-time

lastUpdatedTime (optional)

[Date](#) The time when the service account was last updated format: date-time

createdBy (optional)

[String](#) User or service who created the service account

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.**iam.v4.r0.b1.authn.ServiceAccountKey**[Up](#)

Credentials in the form of a private key and certificate for the service account, for authentication over mTLS

name (optional)

[String](#) Identifier of the service account key in the form of a name

description (optional)

[String](#) Brief description of the service account key

serialNumber (optional)

[String](#) Serial number of the certificate

certificate (optional)

[String](#) X509 certificate signed by IAM in PEM format (includes leaf as well as ICAs), returned only during creation

privateKey (optional)

[String](#) RSA private key encoded in PEM format, returned only during creation

createdTime (optional)

[Date](#) User or service who created the nutanix access key format: date-time

createdBy (optional)

[String](#) Creation time for the nutanix access key

expiryTime (optional)

[Date](#) Expiry time of the certificate format: date-time

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.**iam.v4.r0.b1.authn.SigningAlgoType**[Up](#)

Supported JWS signing algorithms

iam.v4.r0.b1.authn.SubjectType[Up](#)

Type of subject for token

iam.v4.r0.b1.authn.Tenant[Up](#)

Information regarding the tenant that the user belongs to

name (optional)

[String](#) Name of the tenant that the user belongs to

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

iam.v4.r0.b1.authn.TokenRequest

[Up](#)

Information of the OIDC Token request

grant_type

[iam.v4.r0.b1.authn.GrantType](#)

code (optional)

[String](#) Code for the OIDC token

connector_id (optional)

[String](#) Connector Identifier for connector of user

scope

[iam.v4.r0.b1.authn.ScopeType](#)

refresh_token (optional)

[String](#) Request token to get the OIDC token

client_id

[String](#) Client Id for the OIDC token request

client_assertion_type (optional)

[String](#) Client assertion type for the OIDC token request

client_assertion (optional)

[String](#) Client assertion for the OIDC token request

redirect_uri (optional)

[String](#) Redirect Uri for the OIDC token request

audience (optional)

[String](#) Audience for the OIDC token request

subject_token (optional)

[String](#) Subject Token for the OIDC token request

subject_token_type (optional)

[iam.v4.r0.b1.authn.SubjectType](#)

non_tenant_issuer (optional)

[String](#) Non Tenant Issuer for the OIDC token request

iam.v4.r0.b1.authn.TokenResponse

[Up](#)

Information of the OIDC token response

id_token

[String](#) Generated ID Token to be utilized by the client

token_type

[String](#) Generated ID Token type

expires_in

[Long](#) Token expiration time in seconds format: int64

refresh_token (optional)

[String](#) Refresh token which is issued in case of auth code, refresh token or token exchange flows

access_token (optional)

[String](#) Generated Access Token to be utilized by the client

iam.v4.r0.b1.authn.UpdateCertAuthProviderApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/cert-auth-providers/{extId} Put operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [iam.v4.r0.b1.authn.CertAuthProvider](#) [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.UpdateDirectoryServiceApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/directory-services/{extId} Put operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [iam.v4.r0.b1.authn.DirectoryService](#) [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.UpdateSamlIdentityProviderApiResponse[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/saml-identity-providers/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [iam.v4.r0.b1.authn.SamlIdentityProvider](#)
[iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.UpdateUserApiResponse[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/users/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [iam.v4.r0.b1.authn.User](#) [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authn.UseType[Up](#)

Use for the OIDC key

iam.v4.r0.b1.authn.User[Up](#)

Information of the user

username
[String](#) Identifier for the user in the form an email address

userType
[iam.v4.r0.b1.authn.UserType](#)

idpId (optional)
[String](#) Identifier of the IDP for the user

displayName (optional)
[String](#) Display name for the user

firstName (optional)
[String](#) First name for the user

middleInitial (optional)
[String](#) Middle name for the user

lastName (optional)
[String](#) Last name for the user

emailId (optional)
[String](#) Email Id for the user

locale (optional)
[String](#) Default locale for the user

region (optional)
[String](#) Default Region for the user

password (optional)
[String](#) Password for the user

isForceResetPasswordEnabled (optional)
[Boolean](#) Flag to force the user to reset password

additionalAttributes (optional)
[array\[common.v1.r0.a3.config.KVPair\]](#) Any additional attribute for the user

status (optional)
[iam.v4.r0.b1.authn.UserStatusType](#)

bucketsAccessKeys (optional)
[array\[iam.v4.r0.b1.authn.BucketsAccessKey\]](#) Bucket access keys for the user

lastLoginTime (optional)
[Date](#) Last successful logged in time for the user format: date-time

createdTime (optional)
[Date](#) Creation time of the user format: date-time

lastUpdatedTime (optional)
[Date](#) Last updated time of the user format: date-time

createdBy (optional)
[String](#) User or service who created the user

extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

iam.v4.r0.b1.authn.UserConfiguration[Up](#)

User configuration for OpenLDAP directory service

userObjectClass[String](#) Object class in the OpenLDAP system that corresponds to users**userSearchBase**[String](#) Base DN for user search**usernameAttribute**[String](#) Unique identifier for each user which can be used in authentication**iam.v4.r0.b1.authn.UserGroup**[Up](#)

Information of the user group

groupType[iam.v4.r0.b1.authn.GroupType](#)**idpId**[String](#) Identifier of the IDP for the user group**name (optional)**[String](#) Common Name of the user group**distinguishedName (optional)**[String](#) Identifier for the user group in the form of a distinguished name**createdTime (optional)**[Date](#) Creation time of the user group format: date-time**lastUpdatedTime (optional)**[Date](#) Last updated time of the user group format: date-time**createdBy (optional)**[String](#) User or service who created the user group**extId (optional)**[String](#) A globally unique identifier of an instance that is suitable for external consumption.**links (optional)**[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.**iam.v4.r0.b1.authn.UserGroupConfiguration**[Up](#)

User group configuration for OpenLDAP directory service

groupObjectClass[String](#) Object class in the OpenLDAP system that corresponds to groups**groupSearchBase**[String](#) Base DN for group search**groupMemberAttribute**[String](#) Attribute in a group that associates users to the group**groupMemberAttributeValue**[String](#) User attribute value that will be used in group entity to associate user to the group**iam.v4.r0.b1.authn.UserStateUpdate**[Up](#)

Information to change state of user

status[iam.v4.r0.b1.authn.UserStatusType](#)**iam.v4.r0.b1.authn.UserStatusType**[Up](#)

Status of the user

iam.v4.r0.b1.authn.UserType[Up](#)

Type of the user

iam.v4.r0.b1.authn.ValidateApiKeyApiResponse[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/api-keys/\$actions/validate Post operation

metadata (optional)[common.v1.r0.a3.response.ApiResponseMetadata](#)**data (optional)***oneOf:* [iam.v4.r0.b1.authn.ApiKeyValidateResponse](#)[iam.v4.r0.b1.error.ErrorResponse](#)**iam.v4.r0.b1.authz.ApiVersion**[Up](#)

Version of the API for the provided associated endpoint

iam.v4.r0.b1.authz.AssociatedEndpoint

[Up](#)

The object which defines the API endpoint, API version and HTTP method for the API endpoint

apiVersion (optional)
[iam.v4.r0.b1.authz.ApiVersion](#)
 endpointUrl (optional)
[String](#) Endpoint URL
 httpMethod (optional)
[iam.v4.r0.b1.authz.HttpMethod](#)

iam.v4.r0.b1.authz.AttributeEntity

[Up](#)

List of attributes supported for access control on this entity

displayName (optional)
[String](#) UI display name of the entity
 supportedOperators (optional)
[array\[iam.v4.r0.b1.authz.EntityOperators\]](#) List of supported operators for this entity
 attributeValues (optional)
[array\[String\]](#) List of attributes supported for access control on this entity.
 extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.
 links (optional)
[array\[common.v1.r0.q3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

iam.v4.r0.b1.authz.AuthorizationPolicy

[Up](#)

An authorization policy to define who can perform what operation on which entity

displayName
[String](#) The display name for the authorization policy
 description (optional)
[String](#) Description of the authorization policy
 clientName (optional)
[String](#) Client that created the entity
 identities
[array\[iam.v4.r0.b1.authz.IdentityFilter\]](#) The identities for which the authorization policy is created
 entities
[array\[iam.v4.r0.b1.authz.EntityFilter\]](#) The entities being qualified by the authorization policy
 role
[String](#) The role associated with the authorization policy
 createTime (optional)
[Date](#) The creation time of the authorization policy format: date-time
 lastUpdateTime (optional)
[Date](#) The time when the authorization policy was last updated format: date-time
 createdBy (optional)
[String](#) User or Service Name that created the authorization policy
 isSystemDefined (optional)
[Boolean](#) Flag identifying if the authorization policy is system defined or not
 authorizationPolicyType (optional)
[iam.v4.r0.b1.authz.AuthorizationPolicyType](#)
 extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.
 links (optional)
[array\[common.v1.r0.q3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

iam.v4.r0.b1.authz.AuthorizationPolicyType

[Up](#)

Type of authorization policy

iam.v4.r0.b1.authz.AuthorizationRequest

[Up](#)

Request body for authorization request

identity
[iam.v4.r0.b1.authz.IdentityObject](#)
 requestList

[array\[iam.v4.r0.b1.authz.RequestObject\]](#) List of requests to be authorized

iam.v4.r0.b1.authz.AuthorizationResponse

[Up](#)

Entity on which the action is being performed

response (optional)

[array\[iam.v4.r0.b1.authz.AuthorizationResponseObject\]](#) List of responses for the authorization request

iam.v4.r0.b1.authz.AuthorizationResponseObject

[Up](#)

Authorization enforcement response

requestId (optional)

[String](#)

responseType (optional)

[iam.v4.r0.b1.authz.ResponseType](#)

authorized (optional)

[Object](#) True if request was authorized, otherwise False

filters (optional)

[Object](#) Filter expression

iam.v4.r0.b1.authz.AuthorizeApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/\$actions/authorize Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [iam.v4.r0.b1.authz.AuthorizationResponse](#)
[iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authz.AuthorizeEntity

[Up](#)

Entity on which the action is being performed

type

[String](#) Type of the entity

operation

[String](#) operation being performed on the entity

attributes (optional)

[map\[String, Object\]](#) Map of attributes for the entity

iam.v4.r0.b1.authz.Client

[Up](#)

Information of the client registered

name

[String](#) Unique name of the client

description (optional)

[String](#) Description of the client

displayName

[String](#) UI name of the Client

createdTime (optional)

[Date](#) The creation time of the Client format: date-time

lastUpdatedTime (optional)

[Date](#) The time when the Client was last updated format: date-time

createdBy (optional)

[String](#) User or Service Name that created the Client

deploymentList (optional)

[array\[String\]](#) Deployment List related to the Client

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

iam.v4.r0.b1.authz.CreateAuthorizationPolicyApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/authorization-policies Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [iam.v4.r0.b1.authz.AuthorizationPolicy](#)
[iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authz.CreateClientApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/client/register Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [common.v1.r0.a3.config.Message](#) [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authz.CreateRoleApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/roles Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [iam.v4.r0.b1.authz.Role](#) [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authz.DeleteAuthorizationPolicyApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/authorization-policies/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authz.DeleteRoleApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/roles/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authz.Entity

[Up](#)

Information of the entity

name (optional)
[String](#) Unique name of the entity

description (optional)
[String](#) Description of the entity

displayName (optional)
[String](#) UI display name of the entity

clientName (optional)
[String](#) Name of client the Entity belongs to

searchURL (optional)
[String](#) URL provided by the client to search the entities

createdTime (optional)
[Date](#) The creation time of the Entity format: date-time

lastUpdatedTime (optional)
[Date](#) The time when the Entity was last updated format: date-time

createdBy (optional)
[String](#) User or Service Name that created the Entity

attributeList (optional)
[array\[iam.v4.r0.b1.authz.AttributeEntity\]](#)

uniqueId (optional)
[String](#) Unique Id of a client entity

extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

iam.v4.r0.b1.authz.EntityFilter

[Up](#)

iam.v4.r0.b1.authz.EntityOperators

[Up](#)

Type of authorization policy

iam.v4.r0.b1.authz.HttpMethod

[Up](#)

HTTP method for the provided associated endpoint

iam.v4.r0.b1.authz.IdentityFilter

[Up](#)

iam.v4.r0.b1.authz.IdentityObject

[Up](#)

Object defining the attributes of Identity (who)

identityType (optional)

[iam.v4.r0.b1.authz.IdentityType](#)

attributes (optional)

[map\[String, Object\]](#) Map of attributes for the Identity

iam.v4.r0.b1.authz.IdentityType

[Up](#)

Type of identity object

iam.v4.r0.b1.authz.ListAuthorizationPolicyApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/authorization-policies Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authz.ListClientApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/clients Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authz.ListEntityApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/entities Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authz.ListOperationApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/operations Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authz.ListRoleApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/roles Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authz.Operation

[Up](#)

displayName (optional)

[String](#) Name of the operation

description (optional)

[String](#) Description of the operation

entityType (optional)

[String](#) Type of entity associated with this operation

clientName (optional)

[String](#) Client that created the entity

createdTime (optional)

[Date](#) The creation time of the operation format: date-time

lastUpdatedTime (optional)

[Date](#) The time when the operation was last updated format: date-time

operationType (optional)

[iam.v4.r0.b1.authz.OperationType](#)

relatedOperationList (optional)

[array\[String\]](#) List of related operations. These are the operations which might need to be given access to, along with the current operation, for certain workflows to succeed

associatedEndpointList (optional)

[array\[iam.v4.r0.b1.authz.AssociatedEndpoint\]](#) List of associated endpoint objects for the operation

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

iam.v4.r0.b1.authz.OperationType

[Up](#)

The operation type. Currently we support INTERNAL, EXTERNAL and SYSTEM_DEFINED_ONLY

iam.v4.r0.b1.authz.RequestObject

[Up](#)

The incoming request

requestID

[String](#) Unique qualifier for the request

responseType (optional)

[iam.v4.r0.b1.authz.ResponseType](#)

entity

[iam.v4.r0.b1.authz.AuthorizeEntity](#)

iam.v4.r0.b1.authz.ResponseType

[Up](#)

Type of response expected

iam.v4.r0.b1.authz.Role

[Up](#)

A role to group the operations

displayName

[String](#) The display name for the role

description (optional)

[String](#) Description of the role

clientName (optional)

[String](#) Client that created the entity

operations

[array\[String\]](#) List of operations for the role

accessibleClients (optional)

[array\[String\]](#) List of Accessible Clients for the role

accessibleEntityTypes (optional)

[array\[String\]](#) List of Accessible EntityTypes for the role

assignedUsersCount (optional)

[Long](#) Number of users assigned to given role format: int64

assignedUserGroupsCount (optional)

[Long](#) Number of user groups assigned to given role format: int64

createdTime (optional)

[Date](#) The creation time of the role format: date-time

lastUpdatedTime (optional)

[Date](#) The time when the role was last updated format: date-time

createdBy (optional)

[String](#) User or Service Name that created the role

isSystemDefined (optional)

[Boolean](#) Flag identifying if the role is system defined or not

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

iam.v4.r0.b1.authz.Tenant

[Up](#)

Tenant details for tenant to be onboarded to IAM

tenantName (optional)

[String](#) Name of tenant for which configuration is being set up

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

iam.v4.r0.b1.authz.TenantConfigurationResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/tenant Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [common.v1.r0.a3.config.Message](#) [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authz.UpdateAuthorizationPolicyApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/authorization-policies/{extId} Put operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [common.v1.r0.a3.config.Message](#) [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authz.UpdateClientApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/clients/{extId} Put operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [common.v1.r0.a3.config.Message](#) [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authz.UpdateRoleApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/roles/{extId} Put operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [common.v1.r0.a3.config.Message](#) [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authz.ViewAuthorizationPolicyApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/authorization-policies/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [iam.v4.r0.b1.authz.AuthorizationPolicy](#)
[iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authz.ViewClientApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/clients/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [iam.v4.r0.b1.authz.Client](#) [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authz.ViewEntityApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/entities/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [iam.v4.r0.b1.authz.Entity](#) [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authz.ViewOperationApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/operations/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [iam.v4.r0.b1.authz.Operation](#) [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.authz.ViewRoleApiResponse

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/roles/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [iam.v4.r0.b1.authz.Role](#) [iam.v4.r0.b1.error.ErrorResponse](#)

iam.v4.r0.b1.common.SortOrderType

[Up](#)

DecRef(sortOrderDesc)

iam.v4.r0.b1.error.AppMessage

[Up](#)

This schema is generated from AppMessage.java

message (optional)

[String](#)

severity (optional)

[common.v1.r0.a3.config.MessageSeverity](#)

code (optional)

[String](#)

locale (optional)

[String](#) The locale for the message description.

errorGroup (optional)

[String](#)

argumentsMap (optional)

[map\[String, String\]](#)

iam.v4.r0.b1.error.ErrorResponse

[Up](#)

This schema is auto-generated by the Open API Dev Platform as REST response for 4xx and 5xx error responses.

error (optional)

oneOf: [iam.v4.r0.b1.error.SchemaValidationError](#)

iam.v4.r0.b1.error.MessageSeverity

[Up](#)

Enum schema MessageSeverity

iam.v4.r0.b1.error.SchemaValidationError

[Up](#)

This schema is generated from SchemaValidationError.java

timestamp (optional)

[String](#)

statusCode (optional)

[Integer](#)

error (optional)

[String](#)

path (optional)

[String](#)

validationErrorMessage (optional)

[array\[iam.v4.r0.b1.error.SchemaValidationErrorMessage\]](#)

iam.v4.r0.b1.error.SchemaValidationErrorMessage

[Up](#)

This schema is generated from SchemaValidationErrorMessage.java

location (optional)

[String](#)

message (optional)

[String](#)

attributePath (optional)

[String](#)**iam.v4.r0.b1.tenant.Tenant**[Up](#)

Tenant details for tenant to be onboarded to IAM

tenantName (optional)

[String](#) Name of tenant for which configuration is being set up

tenantDescription (optional)

[String](#) Description of tenant for which configuration is being set up

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.**iam.v4.r0.b1.tenant.TenantConfigurationResponse**[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/tenant/configuration Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [common.v1.r0.a3.config.Message](#) [iam.v4.r0.b1.error.ErrorResponse](#)**inline_response_200**[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/cert-auth-providers Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[array\[iam.v4.r0.b1.authn.CertAuthProvider\]](#)**inline_response_200_1**[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/cert-auth-providers/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[iam.v4.r0.b1.authn.CertAuthProvider](#)**inline_response_200_10**[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/saml-identity-providers/{extId} Put operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[iam.v4.r0.b1.authn.SamlIdentityProvider](#)**inline_response_200_11**[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/saml-sp-metadata Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[byte\[\]](#) format: byte**inline_response_200_12**[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/service-accounts Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[array\[iam.v4.r0.b1.authn.ServiceAccount\]](#)**inline_response_200_13**[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/service-accounts/{extId} Get operation

metadata (optional)
[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)
[*iam.v4.r0.b1.authn.ServiceAccount*](#)

inline_response_200_14

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/service-accounts/{extId}/access-keys Get operation

metadata (optional)
[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)
[*array\[iam.v4.r0.b1.authn.ServiceAccountKey\]*](#)

inline_response_200_15

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/service-accounts/{svcAccExtId}/access-keys/{extId} Get operation

metadata (optional)
[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)
[*iam.v4.r0.b1.authn.ServiceAccountKey*](#)

inline_response_200_16

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/service-accounts/{extId}/api-keys Get operation

metadata (optional)
[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)
[*array\[iam.v4.r0.b1.authn.ApiKey\]*](#)

inline_response_200_17

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/service-accounts/{svcAccExtId}/api-keys/{extId} Get operation

metadata (optional)
[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)
[*iam.v4.r0.b1.authn.ApiKey*](#)

inline_response_200_18

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/service-accounts/{svcAccExtId}/api-keys/{extId}/\$actions/revoke Post operation

metadata (optional)
[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

inline_response_200_19

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/api-keys/\$actions/validate Post operation

metadata (optional)
[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)
[*iam.v4.r0.b1.authn.ApiKeyValidateResponse*](#)

inline_response_200_2

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/cert-auth-providers/{extId} Put operation

metadata (optional)
[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)
[*iam.v4.r0.b1.authn.CertAuthProvider*](#)

inline_response_200_20

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/users Get operation

metadata (optional)
[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)
[*array\[iam.v4.r0.b1.authn.User\]*](#)

inline_response_200_21

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/users/\$actions/change-password Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

inline_response_200_22

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/users/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.authn.User](#)

inline_response_200_23

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/users/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.authn.User](#)

inline_response_200_24

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/users/{extId}/\$actions/reset-password Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

inline_response_200_25

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/users/{extId}/\$actions/change-state Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

inline_response_200_26

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/users/{extId}/buckets-access-keys Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[array\[iam.v4.r0.b1.authn.BucketsAccessKey\]](#)

inline_response_200_27

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/user-groups Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[array\[iam.v4.r0.b1.authn.UserGroup\]](#)

inline_response_200_28

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/user-groups/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.authn.UserGroup](#)

inline_response_200_29

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/authorization-policies Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[array\[iam.v4.r0.b1.authz.AuthorizationPolicy\]](#)

inline_response_200_3

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/directory-services Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[array\[iam.v4.r0.b1.authn.DirectoryService\]](#)

inline_response_200_30

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/authorization-policies/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.authz.AuthorizationPolicy](#)

inline_response_200_31

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/authorization-policies/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[common.v1.r0.a3.config.Message](#)

inline_response_200_32

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/clients Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[array\[iam.v4.r0.b1.authz.Client\]](#)

inline_response_200_33

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/clients/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.authz.Client](#)

inline_response_200_34

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/entities Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[array\[iam.v4.r0.b1.authz.Entity\]](#)

inline_response_200_35

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/entities/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.authz.Entity](#)

inline_response_200_36

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/operations/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.authz.Operation](#)

inline_response_200_37

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/operations Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[array\[iam.v4.r0.b1.authz.Operation\]](#)

inline_response_200_38

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/roles Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[array\[iam.v4.r0.b1.authz.Role\]](#)

inline_response_200_39

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/roles/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.authz.Role](#)

inline_response_200_4

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/directory-services/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.authn.DirectoryService](#)

inline_response_200_40

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/roles/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[common.v1.r0.a3.config.Message](#)

inline_response_200_5

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/directory-services/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.authn.DirectoryService](#)

inline_response_200_6

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/directory-services/{extId}/\$actions/search Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.authn.DirectoryServiceSearchResult](#)

inline_response_200_7

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/directory-services/{extId}/\$actions/verify-connection-status Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

inline_response_200_8

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/saml-identity-providers Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[array\[iam.v4.r0.b1.authn.SamlIdentityProvider\]](#)

inline_response_200_9

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/saml-identity-providers/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.authn.SamlIdentityProvider](#)

inline_response_201[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/cert-auth-providers Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.authn.CertAuthProvider](#)

inline_response_201_1[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/directory-services Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.authn.DirectoryService](#)

inline_response_201_10[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/roles Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.authz.Role](#)

inline_response_201_2[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/saml-identity-providers Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.authn.SamlIdentityProvider](#)

inline_response_201_3[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/service-accounts Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.authn.ServiceAccount](#)

inline_response_201_4[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/service-accounts/{extId}/access-keys Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.authn.ServiceAccountKey](#)

inline_response_201_5[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/service-accounts/{extId}/api-keys Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.authn.ApiKey](#)

inline_response_201_6[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/users Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.authn.User](#)

inline_response_201_7[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/users/{extId}/buckets-access-keys Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[*iam.v4.r0.b1.authn.BucketsAccessKey*](#)

inline_response_201_8

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/user-groups Post operation

metadata (optional)
[*common.v1.r0.a3.response.ApiResponseMetadata*](#)
data (optional)
[*iam.v4.r0.b1.authn.UserGroup*](#)

inline_response_201_9

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/authorization-policies Post operation

metadata (optional)
[*common.v1.r0.a3.response.ApiResponseMetadata*](#)
data (optional)
[*iam.v4.r0.b1.authz.AuthorizationPolicy*](#)

inline_response_304

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/roles/{extId} Get operation

metadata (optional)
[*common.v1.r0.a3.response.ApiResponseMetadata*](#)
data (optional)
[*iam.v4.r0.b1.error.ErrorResponse*](#)

inline_response_4XX

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/cert-auth-providers Get operation

metadata (optional)
[*common.v1.r0.a3.response.ApiResponseMetadata*](#)
data (optional)
[*iam.v4.r0.b1.error.ErrorResponse*](#)

inline_response_4XX_1

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/cert-auth-providers Post operation

metadata (optional)
[*common.v1.r0.a3.response.ApiResponseMetadata*](#)
data (optional)
[*iam.v4.r0.b1.error.ErrorResponse*](#)

inline_response_4XX_10

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/saml-identity-providers Get operation

metadata (optional)
[*common.v1.r0.a3.response.ApiResponseMetadata*](#)
data (optional)
[*iam.v4.r0.b1.error.ErrorResponse*](#)

inline_response_4XX_11

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/saml-identity-providers Post operation

metadata (optional)
[*common.v1.r0.a3.response.ApiResponseMetadata*](#)
data (optional)
[*iam.v4.r0.b1.error.ErrorResponse*](#)

inline_response_4XX_12

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/saml-identity-providers/{extId} Get operation

metadata (optional)
[*common.v1.r0.a3.response.ApiResponseMetadata*](#)
data (optional)
[*iam.v4.r0.b1.error.ErrorResponse*](#)

inline_response_4XX_13

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/saml-identity-providers/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_14

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/saml-sp-metadata Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_15

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/service-accounts Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_16

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/service-accounts Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_17

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/service-accounts/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_18

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/service-accounts/{extId}/access-keys Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_19

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/service-accounts/{extId}/access-keys Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_2

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/cert-auth-providers/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_20

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/service-accounts/{svcAccExtId}/access-keys/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)

[iam.v4.r0.b1.error.ErrorResponse](#)**inline_response_4XX_21**[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/service-accounts/{extId}/api-keys Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_22[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/service-accounts/{extId}/api-keys Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_23[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/service-accounts/{svcAccExtId}/api-keys/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_24[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/service-accounts/{svcAccExtId}/api-keys/{extId}/\$actions/revoke Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_25[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/api-keys/\$actions/validate Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_26[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/users Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_27[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/users Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_28[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/users/\$actions/change-password Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_29[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/users/{extId} Get operation

metadata (optional)
[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)
[*iam.v4.r0.b1.error.ErrorResponse*](#)

inline_response_4XX_3

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/cert-auth-providers/{extId} Put operation

metadata (optional)
[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)
[*iam.v4.r0.b1.error.ErrorResponse*](#)

inline_response_4XX_30

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/users/{extId} Put operation

metadata (optional)
[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)
[*iam.v4.r0.b1.error.ErrorResponse*](#)

inline_response_4XX_31

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/users/{extId}/\$actions/reset-password Post operation

metadata (optional)
[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)
[*iam.v4.r0.b1.error.ErrorResponse*](#)

inline_response_4XX_32

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/users/{extId}/\$actions/change-state Post operation

metadata (optional)
[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)
[*iam.v4.r0.b1.error.ErrorResponse*](#)

inline_response_4XX_33

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/users/{extId}/buckets-access-keys Get operation

metadata (optional)
[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)
[*iam.v4.r0.b1.error.ErrorResponse*](#)

inline_response_4XX_34

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/users/{extId}/buckets-access-keys Post operation

metadata (optional)
[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)
[*iam.v4.r0.b1.error.ErrorResponse*](#)

inline_response_4XX_35

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/user-groups Get operation

metadata (optional)
[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)
[*iam.v4.r0.b1.error.ErrorResponse*](#)

inline_response_4XX_36

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/user-groups Post operation

metadata (optional)
[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)
[*iam.v4.r0.b1.error.ErrorResponse*](#)

inline_response_4XX_37[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/user-groups/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_38[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/authorization-policies Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_39[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/authorization-policies Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_4[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/directory-services Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_40[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/authorization-policies/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_41[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/authorization-policies/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_42[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/authorization-policies/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_43[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/clients Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_44[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/clients/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_45

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/entities Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_46

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/entities/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_47

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/operations/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_48

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/operations Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_49

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/roles Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_5

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/directory-services Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_50

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/roles Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_51

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/roles/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_52

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authz/roles/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_6

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/directory-services/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_7

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/directory-services/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_8

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/directory-services/{extId}/\$actions/search Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_9

[Up](#)

REST response for all response codes in API path /iam/v4.0.b1/authn/directory-services/{extId}/\$actions/verify-connection-status Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[iam.v4.r0.b1.error.ErrorResponse](#)

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Access

1. HTTP Basic Authentication

Methods

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Bundles

DELETE /lcm/v4.0.a1/resources/bundles/{uuid}

Up

(deleteBundle)

Delete bundle for the specified UUID.

Path parameters

uuid (required)

Path Parameter — UUID of the LCM bundle

Return type[lcm.v4.r0.a1.resources.DelBundleApiResponse](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**204**

Deleted bundle matching the input UUID [lcm.v4.r0.a1.resources.DelBundleApiResponse](#)

4XX

Client error response [lcm.v4.r0.a1.resources.DelBundleApiResponse](#)

5XX

Server error response [lcm.v4.r0.a1.resources.DelBundleApiResponse](#)

GET /lcm/v4.0.a1/resources/bundles/{uuid}

(getBundle)

Get bundle details for bundle UUID.

Path parameters

uuid (required)

Path Parameter – UUID of the LCM bundle

Return type

[lcm.v4.r0.a1.resources.GetBundleInfoApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Queried bundle information [lcm.v4.r0.a1.resources.GetBundleInfoApiResponse](#)

4XX

Client error response [lcm.v4.r0.a1.resources.GetBundleInfoApiResponse](#)

5XX

Server error response [lcm.v4.r0.a1.resources.GetBundleInfoApiResponse](#)

[Up](#)

GET /lcm/v4.0.a1/resources/bundles

(getBundles)

Query list of bundles

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will be set to its nearest bound. In other words, a page number of less than 0 would be set to 0 and a page number greater than the total available pages would be set to the last page. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 0 and 100. Any number out of this range will be set to the default maximum number of records, which is 100. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. The filter can be applied on the following fields:

- type

Return type

[lcm.v4.r0.a1.resources.GetBundlesApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
```

```

    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Paginated list of bundles [lcm.v4.r0.a1.resources.GetBundlesApiResponse](#)

4XX

Client error response [lcm.v4.r0.a1.resources.GetBundlesApiResponse](#)

5XX

Server error response [lcm.v4.r0.a1.resources.GetBundlesApiResponse](#)

POST /lcm/v4.0.a1/resources/bundles

[Up](#)

(postBundle)

Create a bundle

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [lcm.v4.r0.a1.resources.LcmBundlesSpec](#) (optional)

Body Parameter —

Return type

[lcm.v4.r0.a1.resources.PostBundlesApiResponse](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,

```

```

    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Bundle create response [lcm.v4.r0.a1.resources.PostBundlesApiResponse](#)

4XX

Client error response [lcm.v4.r0.a1.resources.PostBundlesApiResponse](#)

5XX

Server error response [lcm.v4.r0.a1.resources.PostBundlesApiResponse](#)

PUT /lcm/v4.0.a1/resources/bundles/{uuid}

[Up](#)

(putBundle)

Update bundle information for a specified UUID

Path parameters

uuid (required)

Path Parameter — UUID of the LCM bundle

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/octet-stream

Request body

body [Object](#) (optional)

Body Parameter – The file stream being uploaded into a bundle

Return type

[lcm.v4.r0.a1.resources.PutBundleApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**Bundle update response [lcm.v4.r0.a1.resources.PutBundleApiResponse](#)**4XX**Client error response [lcm.v4.r0.a1.resources.PutBundleApiResponse](#)**5XX**Server error response [lcm.v4.r0.a1.resources.PutBundleApiResponse](#)

CancelUpdate

POST /lcm/v4.0.a1/operations/\$actions/cancelupdate

[Up](#)

Set intent to cancel ongoing LCM update (postCancelUpdate)

Cancel LCM Update

Return type[lcm.v4.r0.a1.operations.CancelUpdateApiResponse](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
}
```

```
"data" : ""  
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Set intent to cancel LCM update [lcm.v4.r0.a1.operations.CancelUpdateApiResponse](#)

4XX

Client error response [lcm.v4.r0.a1.operations.CancelUpdateApiResponse](#)

5XX

Server error response [lcm.v4.r0.a1.operations.CancelUpdateApiResponse](#)

Config

[Up](#)

GET /lcm/v4.0.a1/resources/config

Get the present LCM configuration ([getConfig](#))

Get LCM configuration

Return type

[lcm.v4.r0.a1.resources.GetLcmConfigApiResponse](#)

Example data

Content-Type: application/json

```
{  
  "metadata" : {  
    "totalAvailableResults" : 0,  
    "flags" : [ {  
      "name" : "name",  
      "value" : false  
    }, {  
      "name" : "name",  
      "value" : false  
    } ],  
    "messages" : [ {  
      "severity" : "$UNKNOWN",  
      "code" : "code",  
      "message" : "message",  
      "locale" : "en_US"  
    }, {  
      "severity" : "$UNKNOWN",  
      "code" : "code",  
      "message" : "message",  
      "locale" : "en_US"  
    } ],  
    "links" : [ {  
      "rel" : "rel",  
      "href" : "href"  
    }, {  
      "rel" : "rel",  
      "href" : "href"  
    } ],  
    "extraInfo" : [ {
```

```

    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Details of queried LCM configuration [lcm.v4.r0.a1.resources.GetLcmConfigApiResponse](#)

4XX

Client error response [lcm.v4.r0.a1.resources.GetLcmConfigApiResponse](#)

5XX

Server error response [lcm.v4.r0.a1.resources.GetLcmConfigApiResponse](#)

PUT /lcm/v4.0.a1/resources/config

[Up](#)

Change the LCM configuration (putConfig)

Update LCM configuration

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [lcm.v4.r0.a1.resources.LcmConfig](#) (optional)

Body Parameter —

Return type

[lcm.v4.r0.a1.resources.PutLcmConfigApiResponse](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",

```

```

    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

LCM configuration updated [lcm.v4.r0.a1.resources.PutLcmConfigApiResponse](#)

4XX

Client error response [lcm.v4.r0.a1.resources.PutLcmConfigApiResponse](#)

5XX

Server error response [lcm.v4.r0.a1.resources.PutLcmConfigApiResponse](#)

Download

POST /lcm/v4.0.a1/operations/\$actions/downloadImages

[Up](#)

Download an image of a product through LCM (**download**)

Initiate LCM image download

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [lcm.v4.r0.a1.common.ImageDownloadSpecs](#) (optional)

Body Parameter —

Return type

[lcm.v4.r0.a1.operations.GetDownloadApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**LCM download operation triggered with the task UUID [lcm.v4.r0.a1.operations.GetDownloadApiResponse](#)**4XX**Client error response [lcm.v4.r0.a1.operations.GetDownloadApiResponse](#)**5XX**Server error response [lcm.v4.r0.a1.operations.GetDownloadApiResponse](#)

Entity

GET /lcm/v4.0.a1/resources/entities

Get details about all LCM entities (**getEntities**)

Query list of LCM entities

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will be set to its nearest bound. In other words, a page number of less than 0 would be set to 0 and a page number greater than the total available pages would be set to the last page. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 0 and 100. Any number out of this range will be set to the default maximum number of records, which is 100. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. The filter can be applied on the following fields:

- entityClass
- entityModel
- entityType

Return type

[lcm.v4.r0.a1.resources.GetEntitiesApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
  },
}
```

```

    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Paginated list of LCM entities [lcm.v4.r0.a1.resources.GetEntitiesApiResponse](#)

4XX

Client error response [lcm.v4.r0.a1.resources.GetEntitiesApiResponse](#)

5XX

Server error response [lcm.v4.r0.a1.resources.GetEntitiesApiResponse](#)

GET /lcm/v4.0.a1/resources/entities/{uuid}

[Up](#)

Get details about an LCM entity (**getEntity**)

Get details about an LCM entity

Path parameters

uuid (required)

Path Parameter – UUID of the entity to be used

Return type

[lcm.v4.r0.a1.resources.GetEntityApiResponse](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",

```

```

    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Details of the queried LCM entity [lcm.v4.r0.a1.resources.GetEntityApiResponse](#)

4XX

Client error response [lcm.v4.r0.a1.resources.GetEntityApiResponse](#)

5XX

Server error response [lcm.v4.r0.a1.resources.GetEntityApiResponse](#)

History

GET /lcm/v4.0.a1/resources/history

[Up](#)

Get history of all LCM operations on this cluster (**getHistory**)

Get history of LCM operations

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will be set to its nearest bound. In other words, a page number of less than 0 would be set to 0 and a page number greater than the total available pages would be set to the last page. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 0 and 100. Any number out of this range will be set to the default maximum number of records, which is 100. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the

\$filter must conform to the OData V4.01 URL conventions. The filter can be applied on the following fields:

- operationId
- operationType
- startTime

Return type

[lcm.v4.r0.a1.resources.GetHistoryApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Details about the history of LCM operations [lcm.v4.r0.a1.resources.GetHistoryApiResponse](#)

4XX

Client error response [lcm.v4.r0.a1.resources.GetHistoryApiResponse](#)

5XX

Server error response [lcm.v4.r0.a1.resources.GetHistoryApiResponse](#)

[Up](#)

GET /lcm/v4.0.a1/resources/history/{uuid}

Get history of a specific LCM operation on this cluster (**getHistoryByUuid**)

Get LCM operation history for a specified UUID

Path parameters

uuid (required)

Path Parameter — UUID of an LCM operation

Return type

[lcm.v4.r0.a1.resources.GetHistoryByUuidApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Details about the LCM operation history queried by UUID [lcm.v4.r0.a1.resources.GetHistoryByUuidApiResponse](#)

4XX

Client error response [lcm.v4.r0.a1.resources.GetHistoryByUuidApiResponse](#)

5XX

Server error response [lcm.v4.r0.a1.resources.GetHistoryByUuidApiResponse](#)

Images

[Up](#)

GET /lcm/v4.0.a1/resources/images

Get the list of downloaded LCM images (**getImages**)

Get the list of downloaded LCM images

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will be set to its nearest bound. In other words, a page number of less than 0 would be set to 0 and a page number greater than the total available pages would be set to the last page. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 0 and 100. Any number out of this range will be set to the default maximum number of records, which is 100. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. The filter can be applied on the following fields:

- entityClass
- entityModel
- hardwareFamily
- version

Return type

[lcm.v4.r0.a1.resources.GetImagesApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
```

```

    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Get a list of LCM images [lcm.v4.r0.a1.resources.GetImagesApiResponse](#)

4XX

Client error response [lcm.v4.r0.a1.resources.GetImagesApiResponse](#)

5XX

Server error response [lcm.v4.r0.a1.resources.GetImagesApiResponse](#)

Inventory

POST /lcm/v4.0.a1/operations/\$actions/performInventory [Up](#)

Perform an inventory operation to identify entities that can be updated through LCM (**inventory**)

Perform an LCM inventory operation

Return type

[lcm.v4.r0.a1.operations.InventoryApiResponse](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",

```

```

    "value" : false
  }, {
    "name" : "name",
    "value" : false
  } ],
  "messages" : [ {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

LCM inventory operation triggered with the task UUID [lcm.v4.r0.a1.operations.InventoryApiResponse](#)

4XX

Client error response [lcm.v4.r0.a1.operations.InventoryApiResponse](#)

5XX

Server error response [lcm.v4.r0.a1.operations.InventoryApiResponse](#)

LogBay

GET /lcm/v4.0.a1/resources/logbay/items

[Up](#)

Get Logbay items needed for collecting LCM logs (**getLogbayItems**)

Get NCC Logbay items needed for collecting LCM logs

Query parameters

\$page (optional)

Query Parameter – A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will be set to its nearest bound. In other words, a page number of less than 0 would be set to 0 and a page number greater than the total available pages would be set to the last page. default: 0 format: int32

\$limit (optional)

Query Parameter – A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 0 and 100. Any number out of this range will be set to the default maximum number of records, which is 100. default: 50 format: int32

Return type

[lcm.v4.r0.a1.resources.GetLogBayItemsApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**NCC Logbay items used for LCM log collection [lcm.v4.r0.a1.resources.GetLogBayItemsApiResponse](#)**4XX**Client error response [lcm.v4.r0.a1.resources.GetLogBayItemsApiResponse](#)**5XX**Server error response [lcm.v4.r0.a1.resources.GetLogBayItemsApiResponse](#)[Up](#)**GET /lcm/v4.0.a1/resources/logbay/tags**Get Logbay tags used for collecting LCM logs (**getLogbayTags**)

Get NCC Logbay tags used for collecting LCM logs

Query parameters**\$page (optional)**

Query Parameter – A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will be set to its nearest bound. In other words, a page number of less than 0 would be set to 0 and a page number greater than the total available pages would be set to the last page. default: 0 format: int32

\$limit (optional)

Query Parameter – A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 0 and 100. Any number out of this range will be set to the default maximum number of records, which is 100. default: 50 format: int32

Return type[lcm.v4.r0.a1.resources.GetLogBayTagsApiResponse](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
```

```

    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

NCC Logbay tags used for LCM log collection [lcm.v4.r0.a1.resources.GetLogBayTagsApiResponse](#)

4XX

Client error response [lcm.v4.r0.a1.resources.GetLogBayTagsApiResponse](#)

5XX

Server error response [lcm.v4.r0.a1.resources.GetLogBayTagsApiResponse](#)

ModuleConfig

GET /lcm/v4.0.a1/resources/moduleConfig

[Up](#)

Get LCM module configuration (**getModuleConfig**)

Get LCM module configuration

Return type

[lcm.v4.r0.a1.resources.GetModuleConfigApiResponse](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",

```



```

    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Details of the retrieved LCM module configuration [lcm.v4.r0.a1.resources.GetModuleConfigApiResponse](#)

4XX

Client error response [lcm.v4.r0.a1.resources.GetModuleConfigApiResponse](#)

5XX

Server error response [lcm.v4.r0.a1.resources.GetModuleConfigApiResponse](#)

PUT /lcm/v4.0.a1/resources/moduleConfig

Up

Update the LCM module configuration (**setModuleConfig**)

Update LCM module configuration

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [lcm.v4.r0.a1.resources.ModuleConfig](#) (optional)

Body Parameter —

Return type

[lcm.v4.r0.a1.resources.PutModuleConfigApiResponse](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {

```

```

    "name" : "name",
    "value" : false
  }, {
    "name" : "name",
    "value" : false
  } ],
  "messages" : [ {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Details of the updated LCM module configuration [lcm.v4.r0.a1.resources.PutModuleConfigApiResponse](#)

4XX

Client error response [lcm.v4.r0.a1.resources.PutModuleConfigApiResponse](#)

5XX

Server error response [lcm.v4.r0.a1.resources.PutModuleConfigApiResponse](#)

NodePriorityConfig

GET /lcm/v4.0.a1/resources/config/node-priorities

[Up](#)

Get the order in which nodes will be upgraded (**getNodePriorities**)

Get node priorities

Return type

[lcm.v4.r0.a1.resources.GetNodePrioritiesApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**Details of node priorities queried [lcm.v4.r0.a1.resources.GetNodePrioritiesApiResponse](#)**4XX**Client error response [lcm.v4.r0.a1.resources.GetNodePrioritiesApiResponse](#)**5XX**Server error response [lcm.v4.r0.a1.resources.GetNodePrioritiesApiResponse](#)GET /lcm/v4.0.a1/resources/config/node_priority/{nodeUuid} [Up](#)Get the node priority of a node by UUID (**getNodePriority**)

Get node priority value of a node

Path parameters

nodeUuid (required)

Path Parameter – UUID of a node in the cluster

Return type

[lcm.v4.r0.a1.resources.GetNodePriorityNodeApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Queried node priority information [lcm.v4.r0.a1.resources.GetNodePriorityNodeApiResponse](#)

4XX

Client error response [lcm.v4.r0.a1.resources.GetNodePriorityNodeApiResponse](#)

5XX

Server error response [lcm.v4.r0.a1.resources.GetNodePriorityNodeApiResponse](#)

POST /lcm/v4.0.a1/resources/config/node-priorities

[Up](#)

Set the order in which nodes will be upgraded (**postNodePriorities**)

Update node priority of the node

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [lcm.v4.r0.a1.resources.NodePriorityConfig](#) (optional)

Body Parameter –

Return type

[lcm.v4.r0.a1.resources.PostNodePrioritiesApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
```

```

    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

201

Node priority is updated as per the input [lcm.v4.r0.a1.resources.PostNodePrioritiesApiResponse](#)

4XX

Client error response [lcm.v4.r0.a1.resources.PostNodePrioritiesApiResponse](#)

5XX

Server error response [lcm.v4.r0.a1.resources.PostNodePrioritiesApiResponse](#)

Notifications

[Up](#)

POST /lcm/v4.0.a1/resources/notifications

Generate LCM upgrade notifications ([genUpgradeNotifications](#))

Generate LCM upgrade notifications

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [lcm.v4.r0.a1.common.EntityUpdateSpecs](#) (optional)

Body Parameter —

Return type

[lcm.v4.r0.a1.resources.GenUpgradeNotifApiResponse](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {

```

```

    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

201

Details of the generated LCM upgrade notifications [lcm.v4.r0.a1.resources.GenUpgradeNotifApiResponse](#)

4XX

Client error response [lcm.v4.r0.a1.resources.GenUpgradeNotifApiResponse](#)

5XX

Server error response [lcm.v4.r0.a1.resources.GenUpgradeNotifApiResponse](#)

Plan

POST /lcm/v4.0.a1/resources/plan

[Up](#)

Generate an upgrade plan that specifies the impact of the upgrade on the cluster (**getPlan**)

Generate an LCM upgrade plan

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [lcm.v4.r0.a1.common.EntityUpdateSpecs](#) (optional)

Body Parameter —

Return type

[lcm.v4.r0.a1.resources.GenUpgradePlanApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

201

LCM upgrade plan generated [lcm.v4.r0.a1.resources.GenUpgradePlanApiResponse](#)

4XX

Client error response [lcm.v4.r0.a1.resources.GenUpgradePlanApiResponse](#)

5XX

Server error response [lcm.v4.r0.a1.resources.GenUpgradePlanApiResponse](#)

Precheck

POST /lcm/v4.0.a1/operations/\$actions/performPrecheck [Up](#)

Perform a LCM precheck operation (**precheck**)

Perform LCM precheck

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [lcm.v4.r0.a1.common.PrecheckSpec](#) (optional)

Body Parameter –

Return type

[lcm.v4.r0.a1.operations.PrecheckApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

LCM precheck operation triggered with the task UUID [lcm.v4.r0.a1.operations.PrecheckApiResponse](#)

4XX

Client error response [lcm.v4.r0.a1.operations.PrecheckApiResponse](#)

5XX

Server error response [lcm.v4.r0.a1.operations.PrecheckApiResponse](#)

Recommendations

[Up](#)

POST /lcm/v4.0.a1/resources/recommendations

Get a list of update recommendations from LCM (**getRecommendations**)

Get LCM update recommendations

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [lcm.v4.r0.a1.resources.RecommendationSpec](#) (optional)

Body Parameter –

Return type

[lcm.v4.r0.a1.resources.GetUpdateRecApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
```

```

    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

201

LCM update recommendations generated as per the input request

[lcm.v4.r0.a1.resources.GetUpdateRecApiResponse](#)

4XX

Client error response [lcm.v4.r0.a1.resources.GetUpdateRecApiResponse](#)

5XX

Server error response [lcm.v4.r0.a1.resources.GetUpdateRecApiResponse](#)

Status

GET /lcm/v4.0.a1/resources/status

[Up](#)

Get the LCM framework status (`getStatus`)

Get the LCM framework status

Return type

[lcm.v4.r0.a1.resources.GetLcmStatusApiResponse](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",

```

```

    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Queried status of LCM framework [lcm.v4.r0.a1.resources.GetLcmStatusApiResponse](#)

4XX

Client error response [lcm.v4.r0.a1.resources.GetLcmStatusApiResponse](#)

5XX

Server error response [lcm.v4.r0.a1.resources.GetLcmStatusApiResponse](#)

Task

GET /lcm/v4.0.a1/resources/tasks/{uuid}

[Up](#)

Get details of an LCM task identified by the UUID (**getTaskByUuid**)

Get details of an LCM task identified by the UUID

Path parameters

uuid (required)

Path Parameter – UUID of LCM task

Return type

[lcm.v4.r0.a1.resources.GetTaskByUuidApiResponse](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {

```

```

    "name" : "name",
    "value" : false
  }, {
    "name" : "name",
    "value" : false
  } ],
  "messages" : [ {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

201

LCM task information for the given UUID [lcm.v4.r0.a1.resources.GetTaskByUuidApiResponse](#)

4XX

Client error response [lcm.v4.r0.a1.resources.GetTaskByUuidApiResponse](#)

5XX

Server error response [lcm.v4.r0.a1.resources.GetTaskByUuidApiResponse](#)

Update

POST /lcm/v4.0.a1/operations/\$actions/performUpdate

[Up](#)

Perform an LCM update operation (**update**)

Perform an LCM update operation

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [lcm.v4.r0.a1.common.UpdateSpec](#) (optional)
Body Parameter —

Return type

[lcm.v4.r0.a1.operations.UpdateApiResponse](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

LCM update operation triggered with the task UUID [lcm.v4.r0.a1.operations.UpdateApiResponse](#)

4XXClient error response [lcm.v4.r0.a1.operations.UpdateApiResponse](#)**5XX**Server error response [lcm.v4.r0.a1.operations.UpdateApiResponse](#)

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69. [lcm.v4.r0.a1.resources.LcmOpType - LCM operation type](#)
70. [lcm.v4.r0.a1.resources.LcmRedistributableUploadSpec - Redistributable bundle creation specification](#)
71. [lcm.v4.r0.a1.resources.LcmStatus - LCM framework Status](#)
72. [lcm.v4.r0.a1.resources.LcmTask - LCM Task](#)
73. [lcm.v4.r0.a1.resources.LcmThirdPartyUploadSpec - LCM third party upload specification](#)
74. [lcm.v4.r0.a1.resources.LcmUploadInfo - LCM upload Info](#)
75. [lcm.v4.r0.a1.resources.LogbayItem - List of NCC Logbay items applicable for LCM](#)
76. [lcm.v4.r0.a1.resources.LogbayTag - List of NCC Logbay tags applicable for LCM](#)
77. [lcm.v4.r0.a1.resources.ModuleConfig - LCM module Configuration](#)
78. [lcm.v4.r0.a1.resources.NodePriorityConfig - LCM node priority config](#)
79. [lcm.v4.r0.a1.resources.Notification - LCM upgrade notification details](#)
80. [lcm.v4.r0.a1.resources.NotificationsSpec - LCM upgrade notification for a node or cluster](#)
81. [lcm.v4.r0.a1.resources.OperationEnv - LCM operation environment](#)
82. [lcm.v4.r0.a1.resources.OperationHistoryElement - LCM operation](#)
83. [lcm.v4.r0.a1.resources.OperationHistoryItem - LCM operation](#)
84. [lcm.v4.r0.a1.resources.OperationType - LCM operation type](#)
85. [lcm.v4.r0.a1.resources.PostBundlesApiResponse](#)
86. [lcm.v4.r0.a1.resources.PostNodePrioritiesApiResponse](#)
87. [lcm.v4.r0.a1.resources.PutBundleApiResponse](#)
88. [lcm.v4.r0.a1.resources.PutLcmConfigApiResponse](#)
89. [lcm.v4.r0.a1.resources.PutModuleConfigApiResponse](#)
90. [lcm.v4.r0.a1.resources.RecommendationResult - LCM update recommendations](#)
91. [lcm.v4.r0.a1.resources.RecommendationSpec - LCM update recommendation specification](#)
92. [lcm.v4.r0.a1.resources.RimParams - Repository image module \(RIM\) parameters](#)
93. [lcm.v4.r0.a1.resources.Status - Task Status](#)
94. [lcm.v4.r0.a1.resources.StatusType - Task Status](#)
95. [lcm.v4.r0.a1.resources.SubEntity - Definition of the sub-entity in LCM.](#)
96. [lcm.v4.r0.a1.resources.TargetEntity - LCM target entity](#)
97. [lcm.v4.r0.a1.resources.TaskInfo - Task info](#)
98. [lcm.v4.r0.a1.resources.ThirdPartyImageFileDetailsSpec - File specifications in a third party image](#)
99. [lcm.v4.r0.a1.resources.UpdatedTargetEntity - Updated LCM target entity](#)
100. [lcm.v4.r0.a1.resources.UpdatedTargetEntityResult - LCM error target entity](#)
101. [lcm.v4.r0.a1.resources.UpgradeNotifications - LCM upgrade notifications](#)
102. [lcm.v4.r0.a1.resources.UpgradePlan - LCM upgrade plan](#)
103. [lcm.v4.r0.a1.resources.UserPreference - User preference for configuration](#)
104. [prism.v4.r0.a1.config.TaskReference](#)

common.v1.r0.a3.config.Flag

Up

Many entities in the Nutanix APIs carry flags. This object captures all the flags associated with that entity through this object. The field that hosts this type of an object must have an attribute called x-bounded-map-keys that tells which flags are actually present for that entity.

name (optional)

[*String*](#)

value (optional)

[*Boolean*](#)

common.v1.r0.a3.config.KVPair

[Up](#)

A map describing a set of keys and their corresponding values.

name (optional)

[*String*](#) The key of this key value pair

value (optional)

The value associated with the key for this key-value pair
oneOf:

common.v1.r0.a3.config.Message

[Up](#)

code (optional)

[*String*](#) A code that uniquely identifies a message.

message (optional)

[*String*](#)

locale (optional)

[*String*](#) The locale for the message description.

severity (optional)

[*common.v1.r0.a3.config.MessageSeverity*](#)

common.v1.r0.a3.config.MessageSeverity

[Up](#)

The message severity.

common.v1.r0.a3.response.ApiLink

[Up](#)

A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

href (optional)

[*String*](#) The URL at which the entity described by this link can be accessed.

rel (optional)

[*String*](#) A name that identifies the relationship of this link to the object that is returned by the URL. The special value of "self" identifies the URL for the object.

common.v1.r0.a3.response.ApiResponseMetadata

[Up](#)

The metadata associated with an API response. Always present and minimally contains the self link for the API request that produced this response. Also contains pagination data for paginated requests.

flags (optional)

[*array\[common.v1.r0.a3.config.Flag\]*](#)

links (optional)

[*array\[common.v1.r0.a3.response.ApiLink\]*](#)

totalAvailableResults (optional)

[*Integer*](#) format: int32

messages (optional)

[array\[common.v1.r0.a3.config.Message\]](#)

extraInfo (optional)

[array\[common.v1.r0.a3.config.KVPair\]](#) An array of entity specific metadata

lcm.v4.r0.a1.common.CollectMetrics - Optional object to collect metrics or not, default value false [Up](#)

Collect metrics boolean attribute

collectMetrics (optional)

[Boolean](#) Boolean argument to collect metrics data or not

lcm.v4.r0.a1.common.EntityDeploySpec - Entity deploy specification [Up](#)

A specification defining the entity being deployed and its version

entityIdentifierSpec (optional)

[lcm.v4.r0.a1.common.EntityIdentifierSpec](#)

lcm.v4.r0.a1.common.EntityIdentifierSpec - Identifier of an entity in LCM [Up](#)

Unique identifier of an entity in LCM

entityClass (optional)

[String](#) LCM entity class

entityModel (optional)

[String](#) LCM entity model

hardwareFamily (optional)

[String](#) A hardware family for a LCM entity

lcm.v4.r0.a1.common.EntityUpdateSpec - Entity update specification [Up](#)

Specification for running an update operation

entityUuid (optional)

[String](#) UUID of the entity to be used format: UUID

version (optional)

[String](#) Entity target version

lcm.v4.r0.a1.common.EntityUpdateSpecs - List of entity specifications [Up](#)

List of entity update objects for getting recommendations

entityUpdateSpecs (optional)

[array\[lcm.v4.r0.a1.common.EntityUpdateSpec\]](#)

lcm.v4.r0.a1.common.HypervisorType [Up](#)

Type of hypervisor present in the cluster

lcm.v4.r0.a1.common.ImageDownloadSpec - LCM image download specification [Up](#)

LCM image download specification

entityClass

[String](#) LCM entity class

entityModel[*String*](#) LCM entity model**locationId (optional)**[*String*](#) The location of the LCM entity, it can be at the cluster level or at the node level, in the format of "cluster:uuid" or "node:uuid";**version**[*String*](#) The requested update version of an LCM entity.**entityUuid (optional)**[*String*](#) UUID of the entity to be used**hardwareFamily (optional)**[*String*](#) A hardware family for a LCM entity**lcm.v4.r0.a1.common.ImageDownloadSpecs - List of LCM images to download**[Up](#)

List of LCM images to download

imageDownloadSpecs (optional)[*array\[lcm.v4.r0.a1.common.ImageDownloadSpec\]*](#) LCM image download specification**lcm.v4.r0.a1.common.LcmAvailableVersionStatus - Available version status**[Up](#)

Available version types

lcm.v4.r0.a1.common.LcmEntityType - LCM entity type[Up](#)

Type of an LCM entity

lcm.v4.r0.a1.common.ManagementServer - Cluster management server configuration[Up](#)

Cluster management server configuration used while updating clusters with ESX or HyperV

hypervisorType (optional)[*lcm.v4.r0.a1.common.HypervisorType*](#)**ip (optional)**[*String*](#) IP address of the management server**username (optional)**[*String*](#) User name to login to the management server**password (optional)**[*String*](#) Password to login to the management server**lcm.v4.r0.a1.common.PrecheckSpec - Precheck specification**[Up](#)

Specification for running a Precheck operation

managementServer (optional)[*lcm.v4.r0.a1.common.ManagementServer*](#)**entityUpdateSpecs (optional)**[*array\[lcm.v4.r0.a1.common.EntityUpdateSpec\]*](#)**skippedPrecheckFlags (optional)**[*array\[lcm.v4.r0.a1.common.SystemAutoMgmtFlag\]*](#) List of prechecks to skip. The allowed value is 'power_off_vm' that skips the pinned VM prechecks**lcm.v4.r0.a1.common.SystemAutoMgmtFlag**[Up](#)

System auto-management flag

lcm.v4.r0.a1.common.UpdateSpec - Update specification

[Up](#)

Specification for running an update operation

managementServer (optional)

[lcm.v4.r0.a1.common.ManagementServer](#)

entityUpdateSpecs (optional)

[array\[lcm.v4.r0.a1.common.EntityUpdateSpec\]](#)

skippedPrecheckFlags (optional)

[array\[lcm.v4.r0.a1.common.SystemAutoMgmtFlag\]](#) List of prechecks to skip. The allowed value is 'power_off_vm' that skips the pinned VM prechecks

autoHandleFlags (optional)

[array\[lcm.v4.r0.a1.common.SystemAutoMgmtFlag\]](#) List of automated system operations to perform, to avoid precheck failure and let the system restore state after an update is complete. The allowed flag is: - 'power_off_vm': This allows the system to automatically power off user VMs which cannot be migrated to other hosts and power them on when the update is done. This option can avoid pinned VM precheck failure on the host which needs to enter maintenance mode during the update and allow the update to go through.

waitInSecForAppUp (optional)

[Integer](#) Number of seconds LCM waits for the VMs to come up after exiting host maintenance mode
format: int32

lcm.v4.r0.a1.common.VersionIdentifierSpec - Identifier of an entity version in LCM

[Up](#)

Identifies a version of an entity type in LCM

entityIdentifierSpec (optional)

[lcm.v4.r0.a1.common.EntityIdentifierSpec](#)

version (optional)

[String](#) Entity target version

lcm.v4.r0.a1.error.AppMessage

[Up](#)

This schema is generated from AppMessage.java

message (optional)

[String](#)

severity (optional)

[common.v1.r0.a3.config.MessageSeverity](#)

code (optional)

[String](#)

locale (optional)

[String](#) The locale for the message description.

errorGroup (optional)

[String](#)

argumentsMap (optional)

[map\[String, String\]](#)

lcm.v4.r0.a1.error.ErrorResponse

[Up](#)

This schema is auto-generated by the Open API Dev Platform as REST response for 4xx and 5xx error responses.

error (optional)

oneOf: [lcm.v4.r0.a1.error.SchemaValidationError](#)

lcm.v4.r0.a1.error.MessageSeverity

[Up](#)

Enum schema MessageSeverity

lcm.v4.r0.a1.error.SchemaValidationError

[Up](#)

This schema is generated from SchemaValidationError.java

timestamp (optional)

[String](#)

statusCode (optional)

[Integer](#)

error (optional)

[String](#)

path (optional)

[String](#)

validationErrorMessages (optional)

[array\[lcm.v4.r0.a1.error.SchemaValidationErrorMessage\]](#)

lcm.v4.r0.a1.error.SchemaValidationErrorMessage

[Up](#)

This schema is generated from SchemaValidationErrorMessage.java

location (optional)

[String](#)

message (optional)

[String](#)

attributePath (optional)

[String](#)

lcm.v4.r0.a1.operations.CancelUpdateApiResponse

[Up](#)

REST response for all response codes in api path /lcm/v4.0.a1/operations/\$actions/cancelupdate Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a1.config.TaskReference](#) [lcm.v4.r0.a1.error.ErrorResponse](#)

lcm.v4.r0.a1.operations.GetDownloadApiResponse

[Up](#)

REST response for all response codes in api path /lcm/v4.0.a1/operations/\$actions/downloadImages Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a1.config.TaskReference](#) [lcm.v4.r0.a1.error.ErrorResponse](#)

lcm.v4.r0.a1.operations.InventoryApiResponse

[Up](#)

REST response for all response codes in api path /lcm/v4.0.a1/operations/\$actions/performInventory Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a1.config.TaskReference](#) [lcm.v4.r0.a1.error.ErrorResponse](#)

lcm.v4.r0.a1.operations.PrecheckApiResponse

[Up](#)

REST response for all response codes in api path /lcm/v4.0.a1/operations/\$actions/performPrecheck Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a1.config.TaskReference](#) [lcm.v4.r0.a1.error.ErrorResponse](#)

lcm.v4.r0.a1.operations.UpdateApiResponse

[Up](#)

REST response for all response codes in api path /lcm/v4.0.a1/operations/\$actions/performUpdate Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a1.config.TaskReference](#) [lcm.v4.r0.a1.error.ErrorResponse](#)

lcm.v4.r0.a1.resources.DelBundleApiResponse

[Up](#)

REST response for all response codes in api path /lcm/v4.0.a1/resources/bundles/{uuid} Delete operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [lcm.v4.r0.a1.error.ErrorResponse](#)

lcm.v4.r0.a1.resources.DeployableVersion - Deployable versions in recommendations

[Up](#)

List of deployable versions based on entity types, versions and its dependencies

versionIdentifierSpec (optional)

[lcm.v4.r0.a1.common.VersionIdentifierSpec](#)

updateDependencies (optional)

[lcm.v4.r0.a1.common.EntityUpdateSpecs](#)

lcm.v4.r0.a1.resources.EntityInfo - LCM entity information

[Up](#)

Information about an LCM entity affected by the operation.

entityType (optional)

[lcm.v4.r0.a1.common.LcmEntityType](#)

entityClass (optional)

[String](#) LCM entity class

entityModel (optional)

[String](#) LCM entity model

opEnvironment (optional)

[lcm.v4.r0.a1.resources.OperationEnv](#)

childEntities (optional)

[*String*](#) Detailed information for the LCM entity. For example, firmware entities contain additional information about NIC and so on

instances (optional)

[*array\[lcm.v4.r0.a1.resources.EntityInstance\]*](#)

lcm.v4.r0.a1.resources.EntityInstance - LCM entity instance[Up](#)

LCM entity instance of an entity affected by the operation

version (optional)

[*String*](#) Current version of an LCM entity

requestVersion (optional)

[*String*](#) The requested update version of an LCM entity.

locationId (optional)

[*String*](#) The location of the LCM entity, it can be at the cluster level or at the node level, in the format of "cluster:uuid"; or "node:uuid";

startTime (optional)

[*String*](#) Start time for an LCM operation format: isoformat

endTime (optional)

[*String*](#) End time for an LCM operation format: isoformat

taskInfo (optional)

[*array\[lcm.v4.r0.a1.resources.TaskInfo\]*](#)

lcm.v4.r0.a1.resources.GenUpgradeNotifApiResponse[Up](#)

REST response for all response codes in api path /lcm/v4.0.a1/resources/notifications Post operation

metadata (optional)

[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)

oneOf: [lcm.v4.r0.a1.resources.UpgradeNotifications](#)
[lcm.v4.r0.a1.error.ErrorResponse](#)

lcm.v4.r0.a1.resources.GenUpgradePlanApiResponse[Up](#)

REST response for all response codes in api path /lcm/v4.0.a1/resources/plan Post operation

metadata (optional)

[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)

oneOf: [lcm.v4.r0.a1.resources.UpgradePlan](#) [lcm.v4.r0.a1.error.ErrorResponse](#)

lcm.v4.r0.a1.resources.GetBundleInfoApiResponse[Up](#)

REST response for all response codes in api path /lcm/v4.0.a1/resources/bundles/{uuid} Get operation

metadata (optional)

[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)

oneOf: [lcm.v4.r0.a1.resources.LcmBundle](#) [lcm.v4.r0.a1.error.ErrorResponse](#)

lcm.v4.r0.a1.resources.GetBundlesApiResponse[Up](#)

REST response for all response codes in api path /lcm/v4.0.a1/resources/bundles Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [lcm.v4.r0.a1.error.ErrorResponse](#)

lcm.v4.r0.a1.resources.GetEntitiesApiResponse

[Up](#)

REST response for all response codes in api path /lcm/v4.0.a1/resources/entities Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [lcm.v4.r0.a1.error.ErrorResponse](#)

lcm.v4.r0.a1.resources.GetEntityApiResponse

[Up](#)

REST response for all response codes in api path /lcm/v4.0.a1/resources/entities/{uuid} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [lcm.v4.r0.a1.resources.LcmEntity](#) [lcm.v4.r0.a1.error.ErrorResponse](#)

lcm.v4.r0.a1.resources.GetHistoryApiResponse

[Up](#)

REST response for all response codes in api path /lcm/v4.0.a1/resources/history Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [lcm.v4.r0.a1.error.ErrorResponse](#)

lcm.v4.r0.a1.resources.GetHistoryByUuidApiResponse

[Up](#)

REST response for all response codes in api path /lcm/v4.0.a1/resources/history/{uuid} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [lcm.v4.r0.a1.error.ErrorResponse](#)

lcm.v4.r0.a1.resources.GetImagesApiResponse

[Up](#)

REST response for all response codes in api path /lcm/v4.0.a1/resources/images Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [lcm.v4.r0.a1.error.ErrorResponse](#)

lcm.v4.r0.a1.resources.GetLcmConfigApiResponse

[Up](#)

REST response for all response codes in api path /lcm/v4.0.a1/resources/config Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [lcm.v4.r0.a1.resources.LcmConfig](#) [lcm.v4.r0.a1.error.ErrorResponse](#)

lcm.v4.r0.a1.resources.GetLcmStatusApiResponse

[Up](#)

REST response for all response codes in api path /lcm/v4.0.a1/resources/status Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [lcm.v4.r0.a1.resources.LcmStatus](#) [lcm.v4.r0.a1.error.ErrorResponse](#)

lcm.v4.r0.a1.resources.GetLogBayItemsApiResponse

[Up](#)

REST response for all response codes in api path /lcm/v4.0.a1/resources/logbay/items Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [lcm.v4.r0.a1.error.ErrorResponse](#)

lcm.v4.r0.a1.resources.GetLogBayTagsApiResponse

[Up](#)

REST response for all response codes in api path /lcm/v4.0.a1/resources/logbay/tags Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [lcm.v4.r0.a1.error.ErrorResponse](#)

lcm.v4.r0.a1.resources.GetModuleConfigApiResponse

[Up](#)

REST response for all response codes in api path /lcm/v4.0.a1/resources/moduleConfig Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [lcm.v4.r0.a1.resources.ModuleConfig](#) [lcm.v4.r0.a1.error.ErrorResponse](#)

lcm.v4.r0.a1.resources.GetNodePrioritiesApiResponse

[Up](#)

REST response for all response codes in api path /lcm/v4.0.a1/resources/config/node-priorities Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [lcm.v4.r0.a1.resources.NodePriorityConfig](#)
[lcm.v4.r0.a1.error.ErrorResponse](#)

lcm.v4.r0.a1.resources.GetNodePriorityNodeApiResponse

[Up](#)

REST response for all response codes in api path /lcm/v4.0.a1/resources/config/node_priority/{nodeUuid} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [lcm.v4.r0.a1.resources.NodePriorityConfig](#)
[lcm.v4.r0.a1.error.ErrorResponse](#)

lcm.v4.r0.a1.resources.GetTaskByUuidApiResponse

[Up](#)

REST response for all response codes in api path /lcm/v4.0.a1/resources/tasks/{uuid} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [lcm.v4.r0.a1.resources.LcmTask](#) [lcm.v4.r0.a1.error.ErrorResponse](#)

lcm.v4.r0.a1.resources.GetUpdateRecApiResponse

[Up](#)

REST response for all response codes in api path /lcm/v4.0.a1/resources/recommendations Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [lcm.v4.r0.a1.resources.RecommendationResult](#)
[lcm.v4.r0.a1.error.ErrorResponse](#)

lcm.v4.r0.a1.resources.HostUpgradePlan - LCM upgrade plan for a node or cluster

[Up](#)

LCM upgrade plan for a node or cluster

locationId (optional)
[String](#) The location of the LCM entity, it can be at the cluster level or at the node level, in the format of "cluster:uuid" or "node:uuid";

hypervisorType (optional)
[lcm.v4.r0.a1.common.HypervisorType](#)

action (optional)
[String](#) The description of the most disruptive action that will occur on the node or cluster

lcm.v4.r0.a1.resources.LcmAvailableVersion - LCM available version

[Up](#)

Available version for an LCM entity to update

version (optional)
[String](#) Available version for the LCM entity

status (optional)
[lcm.v4.r0.a1.common.LcmAvailableVersionStatus](#)

isEnabled (optional)
[Boolean](#) Indicates if the available update is enabled

uuid (optional)
[String](#) UUID of the entity to be used format: UUID

order (optional)
[Long](#) Order of this available version (1 being the lowest and 6 being the highest) when multiple versions are present with different status. format: int64

disableReason (optional)
[String](#) Reason for disabling the available version

releaseNotes (optional)
[String](#) Release notes corresponding to the update

releaseDate (optional)

[String](#) Release date for the entities that need this information format: isoformat

otherMetadata (optional)

[String](#) Update metadata other than the release notes - like a custom message

childEntities (optional)

[Object](#) Component information for the payload based entity

singleGroupUuid (optional)

[String](#) UUID of the group that this LCM entity is part of format: UUID

dependencies (optional)

[array\[lcm.v4.r0.a1.resources.LcmDependency\]](#) List of dependencies for the available version.

lcm.v4.r0.a1.resources.LcmBundle - LCM Bundle

[Up](#)

Details of the LCM bundle

name (optional)

[String](#) Name of the LCM bundle

uuid (optional)

[String](#) UUID of the LCM bundle

size (optional)

[String](#) Size of the LCM bundle

type (optional)

[String](#) LCM bundle type

images (optional)

[array\[lcm.v4.r0.a1.resources.LcmImageDetails\]](#) Details of the LCM image

lcm.v4.r0.a1.resources.LcmBundlesSpec - LCM bundle creation specification

[Up](#)

LCM bundle creation request type

isThirdParty (optional)

[Boolean](#) Indicates whether the LCM bundle is for a third party image or not

thirdPartySpec (optional)

[lcm.v4.r0.a1.resources.LcmThirdPartyUploadSpec](#)

redistributableSpec (optional)

[lcm.v4.r0.a1.resources.LcmRedistributableUploadSpec](#)

lcm.v4.r0.a1.resources.LcmBundlesStatus - LCM bundle creation response

[Up](#)

LCM bundle creation response

taskUuid (optional)

[prism.v4.r0.a1.config.TaskReference](#)

bundleUuid (optional)

[String](#) UUID of the LCM bundle

lcm.v4.r0.a1.resources.LcmCancelIntent - Cancel Intent

[Up](#)

Intent to cancel an ongoing LCM update

isSet (optional)

[Boolean](#) Boolean that indicates if cancel intent for LCM update is set or not

lcm.v4.r0.a1.resources.LcmConfig - LCM configuration

[Up](#)

LCM configuration on the cluster

url (optional)

[*String*](#) URL of the LCM repository.

autoInventoryEnabled (optional)

[*Boolean*](#) Indicates if the auto inventory operation is enabled. The default value is set to False

autoInventoryScheduledTime (optional)

[*String*](#) The scheduled time in "%H:%M" 24-hour format of the next inventory execution. Used when auto_inventory_enabled is set to True. The default schedule time is 03:00(AM)

inventoryParallelLimit (optional)

[*Integer*](#) Number of parallel threads running inventory. The default value is set to 8 format: int32

uiVersion (optional)

[*String*](#) LCM UI version installed on the cluster

lcmVersion (optional)

[*String*](#) LCM version installed on the cluster

semanticVersion (optional)

[*String*](#) LCM semantic version installed on the cluster

buildType (optional)

[*String*](#) Indicates whether the LCM binaries in the URL are of type connected-site or dark-site

skippedPrecheckNames (optional)

[*array\[String\]*](#) List of skipped prechecks.

productMetaDisabled (optional)

[*Boolean*](#) Indicates if Product Meta filtering is disabled. The default value is False.

productMetaUrl (optional)

[*String*](#) URL for Product Meta artifact

recoveryDisabled (optional)

[*Boolean*](#) LCM can automatically recover a benign failure in the early stages of an upgrade. This value indicates if that feature is enabled. The default value is False.

isDarksite (optional)

[*Boolean*](#) Indicates if LCM is pointing to a dark site. It is set to True if the LCM URL is not pointing to the default Nutanix portal URL.

enableHttps (optional)

[*Boolean*](#) Indicates if the LCM URL has HTTPS enabled. The default value is True

apiEnabled (optional)

[*Boolean*](#) Indicates if REST APIs for LCM is enabled. The default value is True

prismApiTimeout (optional)

[*Integer*](#) Timeout to send GET/POST requests to Prism format: int32

distributeInventory (optional)

[*Boolean*](#) Indicates if LCM is enabled to distribute inventory across the cluster. The default value is True

userPreferences (optional)

[*array\[lcm.v4.r0.a1.resources.UserPreference\]*](#) Indicates the user preferences.

metricsEnabled (optional)

[*Boolean*](#) Indicates if metrics for LCM is enabled. The default value is True

supportedSoftwareEntities (optional)

[*array\[String\]*](#) List of entities for which One-Click upgrades are supported

deprecatedSoftwareEntities (optional)

[*array\[String\]*](#) List of entities for which One-Click upgrades are not available

uploadedBundle (optional)

[*Boolean*](#) Indicates if the bundle is uploaded or not.

moduleAutoUpgradeEnabled (optional)

[*Boolean*](#) Indicates if LCM is enabled to auto-upgrade products. The default value is False.

redfishOOBUpdateSupport (optional)

[*Boolean*](#) Indicates if Redfish out of band update is enabled. The default value is False.

enableAutoLogCollection (optional)

[*Boolean*](#) Indicates if automatic log collection on failures is enabled or not. The default value is True

lcm.v4.r0.a1.resources.LcmDependency - LCM available version dependency

[Up](#)

Dependency of an LCM entity available version.

entityClass (optional)

[*String*](#) LCM entity class

entityModel (optional)

[*String*](#) LCM entity model

version (optional)

[*String*](#) Available version for the LCM entity

entityVersions (optional)

[*Object*](#) Information of the dependent entity versions for this available entity

lcm.v4.r0.a1.resources.LcmEntity - LCM entity

[Up](#)

Details of an LCM entity

uuid (optional)

[*String*](#) UUID of the entity to be used format: UUID

entityDescription (optional)

[*String*](#) Description of an LCM entity

entityClass (optional)

[*String*](#) LCM entity class

entityType (optional)

[*lcm.v4.r0.a1.common.LcmEntityType*](#)

entityModel (optional)

[*String*](#) LCM entity model

locationId (optional)

[*String*](#) The location of the LCM entity, it can be at the cluster level or at the node level, in the format of "cluster:uuid"; or "node:uuid";

version (optional)

[*String*](#) Current version of an LCM entity

requestVersion (optional)

[*String*](#) The requested update version of an LCM entity.

lastUpdatedTime (optional)

[*String*](#) UTC date and time in RFC-3339 format when the task was last updated. format: isoformat

id (optional)

[*String*](#) Unique identifier of an LCM entity e.g. "HDD serial number";

singleGroupUuid (optional)

[*String*](#) UUID of the group that this LCM entity is part of format: UUID

entityDetails (optional)

[*Object*](#) Detailed information for the LCM entity. For example, firmware entities contain additional information about NIC and so on

childEntities (optional)

[*Object*](#) Component information for the payload based entity

availableVersions (optional)

[array\[lcm.v4.r0.a1.resources.LcmAvailableVersion\]](#) List of available versions for an LCM entity to update

subEntities (optional)

[array\[lcm.v4.r0.a1.resources.SubEntity\]](#) A list of sub-entities applicable to the entity.

lcm.v4.r0.a1.resources.LcmFrameworkVersionInfo - LCM version information

[Up](#)

LCM framework version information

localVersion (optional)

[String](#) LCM version installed on the cluster

remoteVersion (optional)

[String](#) LCM framework version present in the LCM URL

updateNeeded (optional)

[Boolean](#) Boolean that indicates if LCM framework update is needed

lcm.v4.r0.a1.resources.LcmImage - LCM image

[Up](#)

LCM image (List of LCM image files)

entityClass (optional)

[String](#) LCM entity class

entityType (optional)

[lcm.v4.r0.a1.common.LcmEntityType](#)

entityModel (optional)

[String](#) LCM entity model

hardwareFamily (optional)

[String](#) A hardware family for a LCM entity

version (optional)

[String](#) Current version of an LCM entity

files (optional)

[array\[lcm.v4.r0.a1.resources.LcmImageFile\]](#) List of files in the image

lcm.v4.r0.a1.resources.LcmImageDetails - LCM image

[Up](#)

Details of the LCM image

uuid (optional)

[String](#) UUID of the entity to be used

entityClass (optional)

[String](#) LCM entity class

entityModel (optional)

[String](#) LCM entity model

version (optional)

[String](#) LCM Image version

releaseNotes (optional)

[String](#) Release notes for the LCM image

lcm.v4.r0.a1.resources.LcmImageFile - LCM image file

[Up](#)

Description of LCM image file

globalCatalogItemUuid (optional)

[String](#) Image file global catalog item UUID. format: UUID

name (optional)
[String](#) LCM image file name

sizeBytes (optional)
[Long](#) LCM image file size format: int64

nfsPath (optional)
[String](#) NFS path for the LCM image

shasum (optional)
[String](#) LCM image SHA

lcm.v4.r0.a1.resources.LcmImages - List of LCM images

[Up](#)

List of LCM images

images (optional)
[array\[lcm.v4.r0.a1.resources.LcmImage\]](#) List of LCM images

lcm.v4.r0.a1.resources.LcmInProgressOp - LCM ongoing operation information

[Up](#)

Operation type and UUID of an ongoing operation in LCM

uuid (optional)
[String](#) Root task UUID of the operation, if it is in running state format: UUID

type (optional)
[String](#) Type of the operation tracked by the task.

lcm.v4.r0.a1.resources.LcmOpType - LCM operation type

[Up](#)

Type of LCM operation that was run

lcm.v4.r0.a1.resources.LcmRedistributableUploadSpec - Redistributable bundle creation specification

[Up](#)

Upload specification for a Nutanix redistributable bundle

name (optional)
[String](#) Name of the LCM bundle

lcm.v4.r0.a1.resources.LcmStatus - LCM framework Status

[Up](#)

Details of LCM framework status

frameworkVersion (optional)
[lcm.v4.r0.a1.resources.LcmFrameworkVersionInfo](#)

inProgressOperation (optional)
[lcm.v4.r0.a1.resources.LcmInProgressOp](#)

cancelIntent (optional)
[lcm.v4.r0.a1.resources.LcmCancelIntent](#)

uploadInfo (optional)
[lcm.v4.r0.a1.resources.LcmUploadInfo](#)

lcm.v4.r0.a1.resources.LcmTask - LCM Task

[Up](#)

Details about LCM Task

uuid (optional)
[String](#) UUID of LCM task format: UUID

logicalTimestamp (optional)

[Long](#) Number of times the task has been updated. The value increases sequentially with each update of the task and can be used to verify if there have been changes to the task. format: int64

operationType (optional)

[lcm.v4.r0.a1.resources.OperationType](#)

percentageComplete (optional)

[Integer](#) Completion percentage of a task format: int32

status (optional)

[lcm.v4.r0.a1.resources.StatusType](#)

clusterUuid (optional)

[String](#) Reference to the cluster the task is being executed on. format: UUID

parentTaskUuid (optional)

[String](#) Reference to the parent task format: UUID

subtaskUuids (optional)

[array\[String\]](#) List with the reference to the sub-task UUIDs format: UUID

creationTime (optional)

[String](#) UTC date and time in RFC-3339 format when the task was created. format: isoformat

creationTimeUsecs (optional)

[Long](#) Time in microseconds from Epoch when task was created. format: int64

lastUpdateTime (optional)

[String](#) UTC date and time in RFC-3339 format when the task was last updated. format: isoformat

startTime (optional)

[String](#) Start time for an LCM operation format: isoformat

completionTime (optional)

[String](#) End time for an LCM operation format: isoformat

errorCode (optional)

[String](#) In case of task failure this field will provide the error code.

errorDetail (optional)

[String](#) In case of task failure this field will provide the error description.

message (optional)

[String](#) Any custom message related to the task

entityUuids (optional)

[array\[String\]](#) List of entity identifiers being upgraded, in UUID format format: UUID

lcm.v4.r0.a1.resources.LcmThirdPartyUploadSpec - LCM third party upload specification [Up](#)

Upload specification for a third party bundle

specVersion (optional)

[String](#) Version specification for the third party upload metadata

version (optional)

[String](#) LCM Image version

entityClass (optional)

[String](#) LCM entity class

entityModel (optional)

[String](#) LCM entity model

hwFamilyList (optional)

[String](#) A hardware family for a LCM entity

releaseNotes (optional)

[String](#) Release notes for the LCM image

status (optional)

[lcm.v4.r0.a1.common.LcmAvailableVersionStatus](#)

imageDetails (optional)

[array\[lcm.v4.r0.a1.resources.ThirdPartyImageFileDetailsSpec\]](#)

lcm.v4.r0.a1.resources.LcmUploadInfo - LCM upload Info

[Up](#)

LCM upload information

taskUuid (optional)

[String](#) Upload task UUID format: UUID

lcm.v4.r0.a1.resources.LogbayItem - List of NCC Logbay items applicable for LCM

[Up](#)

List of NCC Logbay items applicable for LCM log collection

logbayItem (optional)

[String](#) NCC Logbay item applicable for LCM log collection

lcm.v4.r0.a1.resources.LogbayTag - List of NCC Logbay tags applicable for LCM

[Up](#)

List of NCC Logbay tags applicable for LCM log collection

logbayTag (optional)

[String](#) NCC Logbay tag applicable for LCM log collection

lcm.v4.r0.a1.resources.ModuleConfig - LCM module Configuration

[Up](#)

LCM module Configuration

redfishDisabled (optional)

[Boolean](#) Indicates if redfish disabled. Default is False

rimParams (optional)

[array\[lcm.v4.r0.a1.resources.RimParams\]](#) List of repository image module (RIM) parameters

lcm.v4.r0.a1.resources.NodePriorityConfig - LCM node priority config

[Up](#)

LCM node priority config

priorityNodeMap (optional)

[Object](#) Priority node map where the key is node UUID and value is node priority

lcm.v4.r0.a1.resources.Notification - LCM upgrade notification details

[Up](#)

Detailed LCM upgrade notification information for this entity

severityLevel (optional)

[String](#) Severity level for a notification. Permissible values are INFO, WARNING and NOTICE

message (optional)

[String](#) A message with notification details. The description of the most disruptive action that will occur on the node or the cluster. INFO, WARNING or NOTICE based message for an entity

lcm.v4.r0.a1.resources.NotificationsSpec - LCM upgrade notification for a node or cluster [Up](#)

LCM upgrade notification for a node or cluster

notificationType (optional)

[String](#) Type of LCM upgrade notification generated. It can be any one of the values like Entity, Location, Generic or Workflow. The only types supported today are Entity and Location

notifications (optional)

[array\[lcm.v4.r0.a1.resources.Notification\]](#) List of notifications for this entity

entityModel (optional)

[String](#) LCM entity model

entityClass (optional)

[String](#) LCM entity class

fromVersion (optional)

[String](#) Current version of an LCM entity

toVersion (optional)

[String](#) The requested update version of an LCM entity.

locationId (optional)

[String](#) The location of the LCM entity, it can be at the cluster level or at the node level, in the format of "cluster:uuid" or "node:uuid";

hypervisorType (optional)

[lcm.v4.r0.a1.common.HypervisorType](#)

lcm.v4.r0.a1.resources.OperationEnv - LCM operation environment

[Up](#)

Environment in which the operation was run. For example, CVM, Phoenix, Host etc

lcm.v4.r0.a1.resources.OperationHistoryElement - LCM operation

[Up](#)

Details about an LCM operation that was run

operationId (optional)

[String](#) UUID of an LCM operation format: UUID

operationType (optional)

[lcm.v4.r0.a1.resources.LcmOpType](#)

lcmVersion (optional)

[String](#) LCM version installed on the cluster

startTime (optional)

[String](#) Start time for an LCM operation format: isoformat

endTime (optional)

[String](#) End time for an LCM operation format: isoformat

operationDone (optional)

[Boolean](#) Boolean that indicates whether the operation was done

opExceptionReport (optional)

[String](#) Details of the operation failure

entityInfo (optional)

[array\[lcm.v4.r0.a1.resources.EntityInfo\]](#)

lcm.v4.r0.a1.resources.OperationHistoryItem - LCM operation

[Up](#)

Details about an LCM operation that was run

operationId (optional)

[String](#) UUID of an LCM operation format: UUID

operationType (optional)

[lcm.v4.r0.a1.resources.LcmOpType](#)

lcmVersion (optional)

[*String*](#) LCM version installed on the cluster

startTime (optional)

[*String*](#) Start time for an LCM operation format: isoformat

endTime (optional)

[*String*](#) End time for an LCM operation format: isoformat

operationDone (optional)

[*Boolean*](#) Boolean that indicates whether the operation was done

opExceptionReport (optional)

[*String*](#) Details of the operation failure

entityInfo (optional)

[*array\[lcm.v4.r0.a1.resources.EntityInfo\]*](#)

lcm.v4.r0.a1.resources.OperationType - LCM operation type

[Up](#)

Type of the operation tracked by the task.

lcm.v4.r0.a1.resources.PostBundlesApiResponse

[Up](#)

REST response for all response codes in api path /lcm/v4.0.a1/resources/bundles Post operation

metadata (optional)

[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)

oneOf: [*lcm.v4.r0.a1.resources.LcmBundlesStatus*](#)

[*lcm.v4.r0.a1.error.ErrorResponse*](#)

lcm.v4.r0.a1.resources.PostNodePrioritiesApiResponse

[Up](#)

REST response for all response codes in api path /lcm/v4.0.a1/resources/config/node-priorities Post operation

metadata (optional)

[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)

oneOf: [*lcm.v4.r0.a1.resources.NodePriorityConfig*](#)

[*lcm.v4.r0.a1.error.ErrorResponse*](#)

lcm.v4.r0.a1.resources.PutBundleApiResponse

[Up](#)

REST response for all response codes in api path /lcm/v4.0.a1/resources/bundles/{uuid} Put operation

metadata (optional)

[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)

oneOf: [*prism.v4.r0.a1.config.TaskReference*](#) [*lcm.v4.r0.a1.error.ErrorResponse*](#)

lcm.v4.r0.a1.resources.PutLcmConfigApiResponse

[Up](#)

REST response for all response codes in api path /lcm/v4.0.a1/resources/config Put operation

metadata (optional)

[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)

oneOf: [*lcm.v4.r0.a1.resources.LcmConfig*](#) [*lcm.v4.r0.a1.error.ErrorResponse*](#)

lcm.v4.r0.a1.resources.PutModuleConfigApiResponse[Up](#)

REST response for all response codes in api path /lcm/v4.0.a1/resources/moduleConfig Put operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [lcm.v4.r0.a1.resources.ModuleConfig](#) [lcm.v4.r0.a1.error.ErrorResponse](#)

lcm.v4.r0.a1.resources.RecommendationResult - LCM update recommendations[Up](#)

LCM update recommendations

entityUpdateSpecs (optional)

[lcm.v4.r0.a1.common.EntityUpdateSpecs](#)

skippedEntities (optional)

[array\[lcm.v4.r0.a1.resources.UpdatedTargetEntityResult\]](#) List of skipped LCM entities from the input recommendations specification

modifiedVersions (optional)

[array\[lcm.v4.r0.a1.resources.UpdatedTargetEntityResult\]](#) List of modified LCM entities from the input recommendations specification

addedEntities (optional)

[array\[lcm.v4.r0.a1.resources.UpdatedTargetEntityResult\]](#) List of added LCM entities to the input recommendations specification

deployableVersions (optional)

[array\[lcm.v4.r0.a1.resources.DeployableVersion\]](#) List of deployable entities and their dependencies

lcm.v4.r0.a1.resources.RecommendationSpec - LCM update recommendation specification[Up](#)

LCM update recommendation specification

entityTypes (optional)

[array\[lcm.v4.r0.a1.common.LcmEntityType\]](#) Type of an LCM entity

targetEntities (optional)

[array\[lcm.v4.r0.a1.resources.TargetEntity\]](#) List of target entity objects for getting recommendations

entityUpdateSpecs (optional)

[array\[lcm.v4.r0.a1.common.EntityUpdateSpec\]](#) List of entity update objects for getting recommendations

entityDeploySpecs (optional)

[array\[lcm.v4.r0.a1.common.EntityIdentifierSpec\]](#) List of deploy specifications for use in the recommendations API

lcm.v4.r0.a1.resources.RimParams - Repository image module (RIM) parameters[Up](#)

RIM parameters for one component

url (optional)

[String](#) URL of the RIM.

path (optional)

[String](#) Path of the RIM

component (optional)

[String](#) Component name of the RIM

tags (optional)

[array\[String\]](#) Tag list of the RIM

flags (optional)

[*array\[String\]*](#) Flag list of the RIM

description (optional)

[*String*](#) Description of the RIM

urlSetByUser (optional)

[*Boolean*](#) Indicates if the RIM URL is set by the user

lcm.v4.r0.a1.resources.Status - Task Status

[Up](#)

Status of a task

description (optional)

[*String*](#) Description of the current status of the operation

operationDone (optional)

[*Boolean*](#) Boolean that indicates whether the operation was done

state (optional)

[*Integer*](#) State of the current operation

lcm.v4.r0.a1.resources.StatusType - Task Status

[Up](#)

Current state of the task.

lcm.v4.r0.a1.resources.SubEntity - Definition of the sub-entity in LCM.

[Up](#)

A partial entity that is tied to the larger entity in LCM.

entityClass (optional)

[*String*](#) LCM entity class

entityModel (optional)

[*String*](#) LCM entity model

hardwareFamily (optional)

[*String*](#) A hardware family for a LCM entity

version (optional)

[*String*](#) The version of the sub-entity.

lcm.v4.r0.a1.resources.TargetEntity - LCM target entity

[Up](#)

LCM target entity for which recommendations are requested

entityClass (optional)

[*String*](#) LCM entity class

entityModel (optional)

[*String*](#) LCM entity model

locationId (optional)

[*String*](#) The location of the LCM entity, it can be at the cluster level or at the node level, in the format of "cluster:uuid" or "node:uuid";

id (optional)

[*String*](#) Unique identifier of an LCM entity e.g. "HDD serial number";

version (optional)

[*String*](#) LCM entity update version

lcm.v4.r0.a1.resources.TaskInfo - Task info

[Up](#)

Details about LCM Task

status (optional)

[lcm.v4.r0.a1.resources.Status](#)

lcm.v4.r0.a1.resources.ThirdPartyImageFileDetailsSpec - File specifications in a third party image

[Up](#)

File detail for a third party image

checksumType (optional)

[String](#) Checksum type for a third party image

Enum:

shasum

checksum (optional)

[String](#)

size (optional)

[Integer](#) File size for a third party image

name (optional)

[String](#) File name for a third party image

lcm.v4.r0.a1.resources.UpdatedTargetEntity - Updated LCM target entity

[Up](#)

Updated LCM target entity in recommendation result

entityClass (optional)

[String](#) LCM entity class

entityModel (optional)

[String](#) LCM entity model

locationId (optional)

[String](#) The location of the LCM entity, it can be at the cluster level or at the node level, in the format of "cluster:uuid" or "node:uuid";

version (optional)

[String](#) LCM entity update version

entityUuid (optional)

[String](#) UUID of the entity to be used

lcm.v4.r0.a1.resources.UpdatedTargetEntityResult - LCM error target entity

[Up](#)

LCM error target entity

targetEntity (optional)

[lcm.v4.r0.a1.resources.UpdatedTargetEntity](#)

entityUuid (optional)

[String](#) UUID of the entity to be used

message (optional)

[String](#) Error message for the target entity that failed in the input recommendations specification

lcm.v4.r0.a1.resources.UpgradeNotifications - LCM upgrade notifications

[Up](#)

LCM upgrade notifications

upgradePlan (optional)

[array\[lcm.v4.r0.a1.resources.NotificationsSpec\]](#) List of upgrade notifications and upgrade plan for the input entity

lcm.v4.r0.a1.resources.UpgradePlan - LCM upgrade plan

[Up](#)

List of upgrade notifications and upgrade plan for the input entity

hostUpgradePlans (optional)

[array\[lcm.v4.r0.a1.resources.HostUpgradePlan\]](#) List of upgrade plans for the hosts

lcm.v4.r0.a1.resources.UserPreference - User preference for configuration

[Up](#)

Indicates if a user has changed the configuration

userChangedHttp (optional)

[Boolean](#) Indicates if a user has changed the HTTP/HTTPS setting

prism.v4.r0.a1.config.TaskReference

[Up](#)

Reference to a task tracking the async operation.

extId (optional)

[String](#) Globally unique identifier of a task.

Nutanix Microseg Versioned APIs

Manage Network Security Policy configuration of Nutanix clusters.

More information: <https://helloverb.com>

Contact Info: hello@helloverb.com

Version: 4.0.1-alpha-1

BasePath: /api

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Access

1. HTTP Basic Authentication

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AddressGroups

[Up](#)

POST /microseg/v4.0.a1/config/address-groups

Creates a address group. (**createAddressGroup**)

Creates a address group.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [microseg.v4.r0.a1.config.AddressGroup](#) (required)

Body Parameter —

Request headers

Return type

[inline response 202](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
```

```

    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : {
  "extId" : "extId"
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Address group create was successfully requested. [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

DELETE /microseg/v4.0.a1/config/address-groups/{extId} [Up](#)

Deletes a address group by UUID. (`deleteAddressGroupByExtId`)

Deletes a address group by UUID.

Path parameters

extId (required)

Path Parameter — Address Group UUID.

Request headers

Return type

[inline response 202](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",

```

```

    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : {
  "extId" : "extId"
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Address group delete was successfully requested. [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

GET /microseg/v4.0.a1/config/address-groups/{extId}

[Up](#)

Get a address group by UUID. ([getAddressGroupByExtId](#))

Get a address group by UUID.

Path parameters

extId (required)

Path Parameter — Address Group UUID.

Return type

[inline response 200 1](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Get address group response [inline response 200 1](#)

4XX

Client error response [inline response 4XX 2](#)

5XX

Server error response [inline response 4XX 2](#)

GET /microseg/v4.0.a1/config/address-groups

[Up](#)

Gets a list of address groups. (listAddressGroups)

Gets a list of address groups.

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

- description
- extId
- name

\$orderby (optional)

Query Parameter —

A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- description
- extId
- name

Return type

[inline response 200](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
```

```

    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : [ "", "" ]
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Get address group list response. [inline response 200](#)

4XX

Client error response [inline response 4XX](#)

5XX

Server error response [inline response 4XX](#)

PUT /microseg/v4.0.a1/config/address-groups/{extId}

[Up](#)

Updates a address group by UUID. (updateAddressGroupByExtId)

Updates a address group by UUID.

Path parameters

extId (required)

Path Parameter – Address Group UUID.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [microseg.v4.r0.a1.config.AddressGroup](#) (required)

Body Parameter – Updates a address group by UUID.

Request headers

Return type

[inline response 202](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Address group update was successfully requested. [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

DirectoryServer

POST /microseg/v4.0.a1/config/category-mappings

Create a mapping between a group in AD and a category/value. (**createCategoryMapping**)

Create a mapping between a group in AD and a category/value.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [microseg.v4.r0.a1.config.CategoryMapping](#) (required)

Body Parameter – Create a mapping between a group in AD and a category/value.

Request headers

Return type

[inline response 202 4](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  }
}
```



```

    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Identity categorization category mapping create response. [inline response 202 4](#)

4XX

Client error response [inline response 4XX 9](#)

5XX

Server error response [inline response 4XX 9](#)

POST /microseg/v4.0.a1/config/directory-servers

[Up](#)

Configures directory servers. (**createDirectoryServer**)

Allows for configuring various aspects of identity categorization.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [microseg.v4.r0.a1.config.DirectoryServer](#) (required)

Body Parameter – Allows for configuring various aspects of identity categorization.

Request headers

Return type

[inline response 202 1](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",

```

```

    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : {
  "extId" : "extId"
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Directory server(s) create response. [inline response 202 1](#)

4XX

Client error response [inline response 4XX 4](#)

5XX

Server error response [inline response 4XX 4](#)

DELETE /microseg/v4.0.a1/config/directory-servers/{extId} [Up](#)

Delete directory server by UUID. (**deleteDirectoryServer**)

Deleted directory server by UUID.

Path parameters

extId (required)

Path Parameter — UUID to specify Directory Server.

Request headers

Return type

[inline response 202 3](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Directory servers delete response. [inline response 202 3](#)

4XX

Client error response [inline response 4XX 7](#)

5XX

Server error response [inline response 4XX 7](#)

DELETE /microseg/v4.0.a1/config/category-mappings/{extId} [Up](#)

Delete a directory configuration by UUID. (deleteDsCategoryMappingByExtId)

Delete a directory configuration by UUID.

Path parameters

extId (required)

Path Parameter — Category mapping UUID.

Request headers

Return type

[inline response 202 6](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

The response from identity categorization category mapping UUID delete response. [inline response 202 6](#)

4XX

Client error response [inline response 4XX 12](#)

5XX

Server error response [inline response 4XX 12](#)

GET /microseg/v4.0.a1/config/directory-servers/{extId} [Up](#)

Gets directory server configuration. (**getDirectoryServer**)

Gets directory server configuration.

Path parameters

extId (required)

Path Parameter — UUID to specify Directory Server.

Return type

[inline response 200 3](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    } ]
  }
}
```

```

    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Get directory server response. [inline response 200 3](#)

4XX

Client error response [inline response 4XX 5](#)

5XX

Server error response [inline response 4XX 5](#)

GET /microseg/v4.0.a1/config/category-mappings/{extId} [Up](#)

Gets a category to directory configuration information by UUID. ([getDsCategoryMappingByExtId](#))

Gets a category to directory configuration information by UUID.

Path parameters

extId (required)

Path Parameter — Category mapping UUID.

Return type

[inline response 200 5](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ]
  }
}

```

```

    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

The response from identity categorization category mapping UUID get response. [inline response 200 5](#)

4XX

Client error response [inline response 4XX 10](#)

5XX

Server error response [inline response 4XX 10](#)

GET /microseg/v4.0.a1/config/category-mappings

[Up](#)

Identity Categorization Category Mapping lists. (**listCategoryMappings**)

List the Identity Categorization Category Mappings.

Query parameters

\$page (optional)

Query Parameter – A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter – A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

Return type

[inline response 200 4](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {

```

```

    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : [ "", "" ]
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

List API for Ds Category Mappings. [inline response 200 4](#)

4XX

Client error response [inline response 4XX 8](#)

5XX

Server error response [inline response 4XX 8](#)

GET /microseg/v4.0.a1/config/directory-servers

[Up](#)

Lists directory servers. (**listDirectoryServer**)

Lists directory servers.

Return type

[inline response 200 2](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : [ "", "" ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**List directory servers response. [inline response 200 2](#)**4XX**Client error response [inline response 4XX 3](#)**5XX**Server error response [inline response 4XX 3](#)

PUT /microseg/v4.0.a1/config/directory-servers/{extId} [Up](#)

Update directory server by UUID. (**updateDirectoryServer**)

Update directory server by UUID.

Path parameters

extId (required)

Path Parameter – UUID to specify Directory Server.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [microseg.v4.r0.a1.config.DirectoryServer](#) (required)

Body Parameter – Update directory server by UUID.

Request headers

Return type

[inline response 202 2](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
```

```

    "name" : "name",
    "value" : ""
  } ]
},
"data" : {
  "extId" : "extId"
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Directory server update response. [inline response 202 2](#)

4XX

Client error response [inline response 4XX 6](#)

5XX

Server error response [inline response 4XX 6](#)

PUT /microseg/v4.0.a1/config/category-mappings/{extId} [Up](#)

Update a category to directory configuration mapping information by UUID.
(updateDsCategoryMappingByExtId)

Update a category to directory configuration mapping information by UUID.

Path parameters

extId (required)

Path Parameter — Category mapping UUID.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [microseg.v4.r0.a1.config.CategoryMapping](#) (required)

Body Parameter — Update a category to directory configuration mapping information by UUID.

Request headers

Return type

[inline response 202 5](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",

```

```

    "value" : false
  }, {
    "name" : "name",
    "value" : false
  } ],
  "messages" : [ {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : {
  "extId" : "extId"
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

The response from identity categorization category mapping UUID put response. [inline response 202 5](#)

4XX

Client error response [inline response 4XX 11](#)

5XX

Server error response [inline response 4XX 11](#)

NetworkSecurityPolicies

POST /microseg/v4.0.a1/config/policies

[Up](#)

Creates a network security policy. ([createNetworkSecurityPolicy](#))

Creates a network security policy.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [microseg.v4.r0.a1.config.NetworkSecurityPolicy](#) (required)

Body Parameter –

Request headers

Return type

[inline response 202 7](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Network security policy create was successfully requested. [inline response 202 7](#)

4XX

Client error response [inline response 4XX 14](#)

5XX

Server error response [inline response 4XX 14](#)

POST /microseg/v4.0.a1/config/policies/\$actions/export Up

Export all network security policies to save and for subsequent import. (**createNetworkSecurityPolicyExport**)

Policies export is achieved using two APIs.

1. POST /policies/\$actions/export (ASYNC) - Serializes network security policies and stores in DB.
2. GET /policies, Accept: application/octet-stream (SYNC) - Retrieves from DB and flushes to response.

Request headers

Return type

[inline response 202 7](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
  }
}
```

```

    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Successful Export response. [inline response 202 7](#)

4XX

Client error response [inline response 4XX 14](#)

5XX

Server error response [inline response 4XX 14](#)

DELETE /microseg/v4.0.a1/config/policies/{extId}

[Up](#)

Deletes a network security policy by UUID. (`deleteNetworkSecurityPolicyByExtId`)

Deletes a network security policy by UUID.

Path parameters

extId (required)

Path Parameter – Network security policy UUID.

Request headers

Return type

[inline response 202 7](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",

```

```

    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : {
  "extId" : "extId"
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Network security policy delete response. [inline response 202 7](#)

4XX

Client error response [inline response 4XX 14](#)

5XX

Server error response [inline response 4XX 14](#)

GET /microseg/v4.0.a1/config/policies/{extId}

[Up](#)

Gets a network security policy by UUID. ([getNetworkSecurityPolicyByExtId](#))

Gets a network security policy by UUID.

Path parameters

extId (required)

Path Parameter — Network security policy UUID.

Return type

[inline response 200 7](#)

Example data

Content-Type: application/json


```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Network security policy get response. [inline response 200 7](#)

4XX

Client error response [inline response 4XX 15](#)

5XX

Server error response [inline response 4XX 15](#)

GET /microseg/v4.0.a1/config/policies

[Up](#)

Gets a list of network security policies. (**getNetworkSecurityPolicyList**)

Gets a list of network security policies.

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

- description
- extId
- isHitlogEnabled
- isIpv6TrafficAllowed
- isSystemDefined
- name
- securedGroups
- state
- type
- vpcExtId

\$orderby (optional)

Query Parameter —

A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- creationTime
- description
- extId
- lastUpdateTime
- name
- state
- type

\$select (optional)

Query Parameter —

A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.

- creationTime
- description
- extId
- isHitlogEnabled
- isIpv6TrafficAllowed
- isSystemDefined
- lastUpdateTime
- links
- name
- rules
- securedGroups
- state
- tenantId
- type
- vpcExtId

Return type

[inline response 200_6](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ]
  }
}
```

```

    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json
- application/octet-stream

Responses

200

Success - list in response body. [inline_response_200_6](#)

4XX

Client error response [inline_response_4XX_13](#)

5XX

Server error response [inline_response_4XX_13](#)

GET /microseg/v4.0.a1/config/policies/{extId}/rules

[Up](#)

Get a list of network security policy rules by policy UUID. ([getNetworkSecurityPolicyRules](#))

Get a list of network security policy rules by policy UUID.

Path parameters

extId (required)

Path Parameter — Network security policy UUID.

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a

validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

Return type

[inline response 200 8](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : [ {
    "description" : "description",
    "id" : "id",
    "type" : "$UNKNOWN",
    "spec" : ""
  }, {
    "description" : "description",
    "id" : "id",
    "type" : "$UNKNOWN",
    "spec" : ""
  } ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

List Network security policy rules by policy UUID response. [inline response 200 8](#)

4XX

Client error response [inline response 4XX 16](#)

5XX

Server error response [inline response 4XX 16](#)

POST /microseg/v4.0.a1/config/policies/\$actions/import Up

Imports all the network security rules specified by the data. (**setNetworkSecurityPolicyImportApply**)

Imports all the network security rules specified by the data. Policies import (POST /policies/\$actions/import) also has a dry_run that returns a summary on the impact of importing the policy data. Set NTNX-Dry-Run to True in the Request headers for the same.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/octet-stream

Request body

body [Object](#) (required)

Body Parameter —

Request headers

Return type

[inline response 200 9](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ]
  }
}
```

```

    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Successful Import dry run. [inline response 200 9](#)

202

Successful Import apply [inline response 200 9](#)

4XX

Client error response [inline response 4XX 17](#)

5XX

Server error response [inline response 4XX 17](#)

PUT /microseg/v4.0.a1/config/policies/{extId}

[Up](#)

Updates a network security policy by UUID. ([updateNetworkSecurityPolicyByExtId](#))

Updates a network security policy by UUID.

Path parameters

extId (required)

Path Parameter — Network security policy UUID.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [microseg.v4.r0.a1.config.NetworkSecurityPolicy](#) (required)

Body Parameter — Updates a network security policy by UUID.

Request headers

Return type[inline response 202 7](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**Network security policy update response. [inline response 202 7](#)**4XX**Client error response [inline response 4XX 14](#)**5XX**Server error response [inline response 4XX 14](#)

ServiceGroups

[Up](#)

POST /microseg/v4.0.a1/config/service-groups

Creates a service group. (`createServiceGroup`)

Creates a service group.

Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json`

Request body

body [microseg.v4.r0.a1.config.ServiceGroup](#) (required)

Body Parameter —

Request headers

Return type

[inline response 202 8](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    } ]
  }
}
```



```

    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Service group create was successfully requested. [inline response 202 8](#)

4XX

Client error response [inline response 4XX 19](#)

5XX

Server error response [inline response 4XX 19](#)

DELETE /microseg/v4.0.a1/config/service-groups/{extId} [Up](#)

Deletes a service group by UUID. (**deleteServiceGroupByExtId**)

Deletes a service group by UUID.

Path parameters

extId (required)

Path Parameter — Service Group UUID.

Request headers

Return type

[inline response 202 8](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ]
  }
}

```

```

    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Service group delete response. [inline_response 202_8](#)

4XX

Client error response [inline_response 4XX_19](#)

5XX

Server error response [inline_response 4XX_19](#)

GET /microseg/v4.0.a1/config/service-groups/{extId}

[Up](#)

Get a service group by UUID. ([getServiceGroupByExtId](#))

Get a service group by UUID.

Path parameters

extId (required)

Path Parameter — Service Group UUID.

Return type

[inline_response 200_11](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {

```

```

    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Get service group response [inline response 200 11](#)

4XX

Client error response [inline response 4XX 20](#)

5XX

Server error response [inline response 4XX 20](#)

GET /microseg/v4.0.a1/config/service-groups

[Up](#)

Gets a list of service groups (`listServiceGroups`)

Gets a list of service groups

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter — <p>A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:</p> description extId isSystemDefined name

\$orderby (optional)

Query Parameter — <p>A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:</p> description extId name

Return type

[inline response 200 10](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
  },
}
```

```

    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : [ "", "" ]
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

List service group response [inline response 200 10](#)

4XX

Client error response [inline response 4XX 18](#)

5XX

Server error response [inline response 4XX 18](#)

PUT /microseg/v4.0.a1/config/service-groups/{extId}

[Up](#)

Updates a service group by UUID. ([updateServiceGroupByExtId](#))

Updates a service group by UUID.

Path parameters

extId (required)

Path Parameter — Service Group UUID.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [microseg.v4.r0.a1.config.ServiceGroup](#) (required)

Body Parameter — Updates a service group by UUID.

Request headers

Return type

[inline response 202 8](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {

```

```

    "name" : "name",
    "value" : false
  }, {
    "name" : "name",
    "value" : false
  } ],
  "messages" : [ {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : {
  "extId" : "extId"
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Service group update response. [inline response 202 8](#)

4XX

Client error response [inline response 4XX 19](#)

5XX

Server error response [inline response 4XX 19](#)

Models

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common.v1.r0.a3.config.Flag

[Up](#)

Many entities in the Nutanix APIs carry flags. This object captures all the flags associated with that entity through this object. The field that hosts this type of object must have an attribute called x-bounded-map-keys that tells which flags are actually present for that entity.

name (optional)

[String](#)

value (optional)

[Boolean](#)

common.v1.r0.a3.config.IPv4Address

[Up](#)

value (optional)

[String](#)

prefixLength (optional)

[Integer](#) The prefix length of the network to which this host IPv4 address belongs. format: int32

common.v1.r0.a3.config.KVPair

[Up](#)

A map describing a set of keys and their corresponding values.

name (optional)

[String](#) The key of this key-value pair

value (optional)

The value associated with the key for this key-value pair
oneOf:

common.v1.r0.a3.config.Message

[Up](#)

code (optional)

[String](#) A code that uniquely identifies a message.

message (optional)

[*String*](#) The description of the message.

locale (optional)

[*String*](#) The locale for the message description.

severity (optional)

[*common.v1.r0.a3.config.MessageSeverity*](#)

common.v1.r0.a3.config.MessageSeverity

[Up](#)

The message severity.

common.v1.r0.a3.config.TenantAwareModel

[Up](#)

A model base class whose instances are bound to a specific tenant. This model adds a tenantId to the base model class that it extends and is automatically set by the server.

tenantId (optional)

[*String*](#) A globally unique identifier that represents the tenant that owns this entity. It is automatically assigned by the system and is immutable from an API consumer perspective (some use cases may cause this Id to change - for instance a use case may require the transfer of ownership of the entity, but these cases are handled automatically on the server).

common.v1.r0.a3.response.ApiLink

[Up](#)

A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

href (optional)

[*String*](#) The URL at which the entity described by the link can be accessed.

rel (optional)

[*String*](#) A name that identifies the relationship of the link to the object that is returned by the URL. The unique value of "self" identifies the URL for the object.

common.v1.r0.a3.response.ApiResponseMetadata

[Up](#)

The metadata associated with an API response. This value is always present and minimally contains the self-link for the API request that produced this response. It also contains pagination data for the paginated requests.

flags (optional)

[*array\[common.v1.r0.a3.config.Flag\]*](#) An array of flags that may indicate the status of the response. For example a flag with name isPaginated and value false indicates that the response is not paginated.

links (optional)

[*array\[common.v1.r0.a3.response.ApiLink\]*](#) An array of HATEOAS style links for the response that may also include pagination links for list operations.

totalAvailableResults (optional)

[*Integer*](#) The total number of entities that are available on the server for this type. format: int32

messages (optional)

[*array\[common.v1.r0.a3.config.Message\]*](#) Information, Warning or Error messages that might provide additional contextual information related to the operation.

extraInfo (optional)

[*array\[common.v1.r0.a3.config.KVPair\]*](#) An array of entity-specific metadata

common.v1.r0.a3.response.ExternalizableAbstractModel

[Up](#)

A model that represents an object instance that is accessible through an API endpoint. Instances of this type get an extId field that contains the globally unique identifier for that instance. Externally accessible instances are always tenant aware and therefore extend the TenantAwareModel

extId (optional)

[*String*](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[*array\[common.v1.r0.a3.response.ApiLink\]*](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

tenantId (optional)

[*String*](#) A globally unique identifier that represents the tenant that owns this entity. It is automatically assigned by the system and is immutable from an API consumer perspective (some use cases may cause this Id to change - for instance a use case may require the transfer of ownership of the entity, but these cases are handled automatically on the server).

inline_response_200

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/address-groups Get operation

metadata (optional)

[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)

[*array\[microseg.v4.r0.a1.config.AddressGroup\]*](#)

inline_response_200_1

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/address-groups/{extId} Get operation

metadata (optional)

[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)

[*microseg.v4.r0.a1.config.AddressGroup*](#)

inline_response_200_10

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/service-groups Get operation

metadata (optional)

[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)

[*array\[microseg.v4.r0.a1.config.ServiceGroup\]*](#)

inline_response_200_11

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/service-groups/{extId} Get operation

metadata (optional)

[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)

[*microseg.v4.r0.a1.config.ServiceGroup*](#)

inline_response_200_2

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/directory-servers Get operation

metadata (optional)

[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)

[*array\[microseg.v4.r0.a1.config.DirectoryServer\]*](#)

inline_response_200_3

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/directory-servers/{extId} Get operation

metadata (optional)

[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)

[*microseg.v4.r0.a1.config.DirectoryServer*](#)

inline_response_200_4

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/category-mappings Get operation

metadata (optional)

[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)

[*array\[microseg.v4.r0.a1.config.CategoryMapping\]*](#)

inline_response_200_5

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/category-mappings/{extId} Get operation

metadata (optional)

[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)

[*microseg.v4.r0.a1.config.CategoryMapping*](#)

inline_response_200_6

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/policies Get operation

metadata (optional)

[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)

oneOf: [*microseg.v4.r0.a1.config.FileWrapper*](#)

inline_response_200_7

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/policies/{extId} Get operation

metadata (optional)

[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)

[*microseg.v4.r0.a1.config.NetworkSecurityPolicy*](#)

inline_response_200_8

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/policies/{extId}/rules Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[array\[microseg.v4.r0.a1.config.NetworkSecurityPolicyRule\]](#)

inline_response_200_9

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/policies/\$actions/import Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#)

inline_response_202

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/address-groups/{extId} Delete operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_1

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/directory-servers Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_2

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/directory-servers/{extId} Put operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_3

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/directory-servers/{extId} Delete operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_4

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/category-mappings Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_5

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/category-mappings/{extId} Put operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_6

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/category-mappings/{extId} Delete operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_7

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/policies/\$actions/set-allow-ipv6-traffic Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_8

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/service-groups/{extId} Delete operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[prism.v4.r0.a2.config.TaskReference](#)

inline_response_4XX

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/address-groups Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[microseg.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_1

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/address-groups/{extId} Delete operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[microseg.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_10

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/category-mappings/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[microseg.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_11

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/category-mappings/{extId} Put operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[microseg.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_12

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/category-mappings/{extId} Delete operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[microseg.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_13

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/policies Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[microseg.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_14

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/policies/\$actions/set-allow-ipv6-traffic Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[microseg.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_15

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/policies/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[microseg.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_16

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/policies/{extId}/rules Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[microseg.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_17

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/policies/\$actions/import Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[microseg.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_18

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/service-groups Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[microseg.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_19

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/service-groups/{extId} Delete operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[microseg.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_2

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/address-groups/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[microseg.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_20

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/service-groups/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[microseg.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_3

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/directory-servers Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[microseg.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_4

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/directory-servers Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[microseg.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_5

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/directory-servers/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[microseg.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_6

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/directory-servers/{extId} Put operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[microseg.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_7

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/directory-servers/{extId} Delete operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[microseg.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_8

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/category-mappings Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[microseg.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_9

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/category-mappings Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[microseg.v4.r0.a1.error.ErrorResponse](#)

microseg.v4.r0.a1.config.AddressGroup

[Up](#)

name

[String](#) A short identifier for a address group.

description (optional)

[String](#) A user defined annotation for a address group.

ipv4Addresses (optional)

[array\[common.v1.r0.a3.config.Ipv4Address\]](#) List of CIDR blocks in the address group.

ipRanges (optional)

[array\[microseg.v4.r0.a1.config.Ipv4Range\]](#) List of IP range containing start and end IP.

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

microseg.v4.r0.a1.config.AddressGroupGetResponse

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/address-groups/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [microseg.v4.r0.a1.config.AddressGroup](#)

[microseg.v4.r0.a1.error.ErrorResponse](#)

microseg.v4.r0.a1.config.AddressGroupListResponse

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/address-groups Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [microseg.v4.r0.a1.error.ErrorResponse](#)

microseg.v4.r0.a1.config.AddressGroupPolicyAssociationResponse

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/address-groups/\$actions/build-policy-association Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [microseg.v4.r0.a1.error.ErrorResponse](#)

microseg.v4.r0.a1.config.AddressGroupPolicyReference

[Up](#)

Reference to policy associated with address group.

addressGroupUuid (optional)

[String](#)

policyUuids (optional)

[array\[String\]](#)

microseg.v4.r0.a1.config.AddressGroupReferenceSpec

[Up](#)

List of address group UUID

addressGroupUuidList

[array\[String\]](#)

microseg.v4.r0.a1.config.AddressGroupTaskResponse

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/address-groups/{extId} Delete operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#)

[microseg.v4.r0.a1.error.ErrorResponse](#)

microseg.v4.r0.a1.config.AllowType

[Up](#)

microseg.v4.r0.a1.config.BannerGetResponse

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/cadmus/banners Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [microseg.v4.r0.a1.config.BannerResponse](#)

[microseg.v4.r0.a1.error.ErrorResponse](#)

microseg.v4.r0.a1.config.BannerResponse

[Up](#)

bannerType (optional)

[microseg.v4.r0.a1.config.BannerType](#)

tierMemoryInGB (optional)

[Integer](#) Memory associated with the current mode of operation for cadmus. format: int32

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

microseg.v4.r0.a1.config.BannerType

[Up](#)

Shows whether the banner is for a warning(shown in yellow) or for an error(shown in red).

microseg.v4.r0.a1.config.CategoryMapping

[Up](#)

name

[String](#) Name of category mapping.

resources

[microseg.v4.r0.a1.config.CategoryMappingInfo](#)

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

microseg.v4.r0.a1.config.CategoryMappingAdInfo

[Up](#)

A mapping to an object in Active Directory.

directoryServiceName (optional)

[String](#) The name of the directory service that will be used for mapping.

directoryServiceExtId (optional)

[String](#) The extId of the directory service that will be used for mapping.

objectIdentifier

[String](#) The objectGUID for the object in AD.

objectPath (optional)

[String](#) The path for the mapped object in AD.

status (optional)

[microseg.v4.r0.a1.config.CategoryMappingAdStatus](#)

microseg.v4.r0.a1.config.CategoryMappingAdStatus

[Up](#)

The mapping status of AD Mapping.

microseg.v4.r0.a1.config.CategoryMappingInfo - Category Mapping Spec.

[Up](#)

A mapping from an object to a category value.

categoryName

[*String*](#) The name for the category that this mapping is for.

categoryValue

[*String*](#) The value for the category that this mapping is for.

adMapping

[*microseg.v4.r0.a1.config.CategoryMappingAdInfo*](#)

microseg.v4.r0.a1.config.ConfigMigrationPolicyOptions

[Up](#)

Policy-wide options for a security policy.

isIpv6TrafficAllowed (optional)

[*Boolean*](#)

isHitlogEnabled (optional)

[*Boolean*](#)

microseg.v4.r0.a1.config.ConfigMigrationPolicyType

[Up](#)

<p>Defines the type of rules that can be used in a policy.
 It can be one of following types</p>
QUARANTINE POLICY ISOLATION POLICY APPLICATION POLICY AD POLICY

microseg.v4.r0.a1.config.ConfigMigrationPreviewGetResponse

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/flow-migrator/previews/{extId} Get operation

metadata (optional)

[*common.v1.r0.a3.response.ApiResponseMetadata*](#)

data (optional)

oneOf: [*microseg.v4.r0.a1.config.ConfigMigrationPreviewResponse*](#)

[*microseg.v4.r0.a1.error.ErrorResponse*](#)

microseg.v4.r0.a1.config.ConfigMigrationPreviewResponse

[Up](#)

newPolicySpec (optional)

[*microseg.v4.r0.a1.config.NetworkSecurityPolicy*](#)

systemGeneratedPolicies (optional)

[*array\[microseg.v4.r0.a1.config.NetworkSecurityPolicy\]*](#) This field corresponds to a list of policy spec which captures the system generated FNS 2.0 policies as a result of a single FNS 1.0 policy migration.

extId (optional)

[*String*](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[*array\[common.v1.r0.a3.response.ApiLink\]*](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

microseg.v4.r0.a1.config.ConfigMigrationSummary

[Up](#)

policySummaries (optional)

[*array\[microseg.v4.r0.a1.config.NetworkSecurityPolicyMigrationSummary\]*](#)

countSummary (optional)

[*microseg.v4.r0.a1.config.NetworkSecurityPolicyMigrationCountSummary*](#)

subnetSummaries (optional)

[*array\[microseg.v4.r0.a1.config.NetworkSecurityPolicyMigrationSubnetSummary\]*](#)

summaryFailures (optional)

[array\[microseg.v4.r0.a1.config.NetworkSecurityPolicyMigrationSummaryFailures\]](#)

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

microseg.v4.r0.a1.config.ConfigMigrationSummaryGetResponse

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/flow-migrator/summaries/{extId}
Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [microseg.v4.r0.a1.config.ConfigMigrationSummary](#)
[microseg.v4.r0.a1.error.ErrorResponse](#)

microseg.v4.r0.a1.config.DirectoryServer

[Up](#)

isDefaultCategoryEnabled (optional)

[Boolean](#) Enablement status of the default category.

shouldKeepDefaultCategoryOnLogin (optional)

[Boolean](#) Retain default category on user login.

matchingCriteria (optional)

[array\[microseg.v4.r0.a1.config.MatchingCriteria\]](#) The matching criteria used to determine whether an entity will be categorized by identity categorization. If match type is ALL, all the entities will be categorized.

directoryServiceName (optional)

[String](#) The name of the directory service that will be used for mapping.

directoryServiceExtId (optional)

[String](#) The extId of the directory service that will be used for mapping.

domainControllers (optional)

[array\[microseg.v4.r0.a1.config.DomainController\]](#) List of domain controllers to be used for event scraping.

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

microseg.v4.r0.a1.config.DirectoryServerCreateResponse

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/directory-servers Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#)
[microseg.v4.r0.a1.error.ErrorResponse](#)

microseg.v4.r0.a1.config.DirectoryServerDeleteResponse[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/directory-servers/{extId} Delete operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#)

[microseg.v4.r0.a1.error.ErrorResponse](#)

microseg.v4.r0.a1.config.DirectoryServerGetResponse[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/directory-servers/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [microseg.v4.r0.a1.config.DirectoryServer](#)

[microseg.v4.r0.a1.error.ErrorResponse](#)

microseg.v4.r0.a1.config.DirectoryServerListResponse[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/directory-servers Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [microseg.v4.r0.a1.error.ErrorResponse](#)

microseg.v4.r0.a1.config.DirectoryServerUpdateResponse[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/directory-servers/{extId} Put operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#)

[microseg.v4.r0.a1.error.ErrorResponse](#)

microseg.v4.r0.a1.config.DomainController - AD domain controller.[Up](#)

Configuration for an AD domain controller.

host

[String](#) IPv4 Address or hostname for the domain controller.

microseg.v4.r0.a1.config.DsCategoryMappingCreateResponse[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/category-mappings Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#)
[microseg.v4.r0.a1.error.ErrorResponse](#)

microseg.v4.r0.a1.config.DsCategoryMappingDeleteResponse

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/category-mappings/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
oneOf: [prism.v4.r0.a2.config.TaskReference](#)
[microseg.v4.r0.a1.error.ErrorResponse](#)

microseg.v4.r0.a1.config.DsCategoryMappingGetResponse

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/category-mappings/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
oneOf: [microseg.v4.r0.a1.config.CategoryMapping](#)
[microseg.v4.r0.a1.error.ErrorResponse](#)

microseg.v4.r0.a1.config.DsCategoryMappingUpdateResponse

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/category-mappings/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
oneOf: [prism.v4.r0.a2.config.TaskReference](#)
[microseg.v4.r0.a1.error.ErrorResponse](#)

microseg.v4.r0.a1.config.DsCategoryMappingsGetListResponse

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/category-mappings Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
oneOf: [microseg.v4.r0.a1.error.ErrorResponse](#)

microseg.v4.r0.a1.config.FileWrapper

[Up](#)

file (optional)
[byte\[\]](#) format: binary

microseg.v4.r0.a1.config.Ipv4Range

[Up](#)

IP range containing start and end IP.

startIp
[String](#)

endlp
[String](#)

microseg.v4.r0.a1.config.IcmpTypeCodeSpec

[Up](#)

Icmp Type Code Object

isAllCodeTypeAllowed (optional)
[Boolean](#) Set this field to true if both Type and Code is ANY.

type (optional)
[Integer](#) Ignore this field if Type has to be ANY. format: int32

code (optional)
[Integer](#) Ignore this field if Code has to be ANY. format: int32

microseg.v4.r0.a1.config.IntraEntityGroupRuleAction

[Up](#)

microseg.v4.r0.a1.config.MatchEntity

[Up](#)

The entity to perform matching on. Currently, only the target VM that a logon occurred on is supported.

microseg.v4.r0.a1.config.MatchField

[Up](#)

The field to match on. Today only NAME is supported, which matches on an entity's name.

microseg.v4.r0.a1.config.MatchType

[Up](#)

The type of match. Today only CONTAINS and ALL are supported. CONTAINS performs a substring match on the given entity and field for the criteria value whereas ALL allows all string to match on the given entity.

microseg.v4.r0.a1.config.MatchingCriteria - Matching Criteria

[Up](#)

The matching criteria used to determine whether an entity will be categorized by identity categorization. If match type is ALL, all the entities will be categorized.

matchEntity
[microseg.v4.r0.a1.config.MatchEntity](#)

matchField
[microseg.v4.r0.a1.config.MatchField](#)

matchType
[microseg.v4.r0.a1.config.MatchType](#)

criteria (optional)
[String](#) The criteria to use for matching entities to be categorized. Note that depending on the match type, the usage of this value may differ.

microseg.v4.r0.a1.config.MigrationConfig

[Up](#)

<p>Request body for Actual Config Migration</p> <p>It contains two required fields:</p>
 forceMonitor migrateSecuredSubnets

isForceMonitor
[Boolean](#) It can only have Boolean values <code>true</code> or <code>false</code>.
 If true, force all the policies to be in monitor mode after migration.
 The policies would remain in same the same state they were pre migration, otherwise.

shouldMigrateSecuredSubnetsOnly (optional)

[*Boolean*](#) It can only have Boolean values `true` or `false`.
If true, migrate subnets belonging to VMs secured by NSPs.
ALL subnets are migrated, otherwise.

microseg.v4.r0.a1.config.MigrationConfigSpec[Up](#)

Request body for Config Migration

It contains two fields:

- `isDryRun`
- `spec`

The spec can be one of two types based on `isDryRun` boolean value.

A sample request body with the flag set would look like this:

```
{ "isDryRun": true, "spec": { "policyNames": [], "shouldIncludeSecureSubnetsInfo": false } }
```

A sample request body with the flag unset would look like this:

```
{ "isDryRun": false, "spec": { "isForceMonitor": true, "shouldMigrateSecuredSubnetsOnly": false } }
```

isDryRun (optional)

[*Boolean*](#) It can only have Boolean values `true` or `false`.
If true, it will trigger a dry run of Flow Config Migration. The policies and subnets will not be actually migrated.
If false, the config migration will be triggered.

spec

oneOf: [microseg.v4.r0.a1.config.MigrationConfig](#)
[microseg.v4.r0.a1.config.MigrationSummary](#)

microseg.v4.r0.a1.config.MigrationConfigTaskResponse[Up](#)

REST response for all response codes in API path `/microseg/v4.0.a1/config/flow-migrator/$actions/migrate`
Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#)
[microseg.v4.r0.a1.error.ErrorResponse](#)

microseg.v4.r0.a1.config.MigrationSummary[Up](#)

Body for requesting Config Migration Summary

It contains two fields:

- `policyNames`
- `isIncludeSecureSubnetsInfo`

policyNames (optional)

[*array\[String\]*](#) List of FNS 1.0 policies selected for Migration Summary.

shouldIncludeSecureSubnetsInfo (optional)

[*Boolean*](#) It can only have Boolean values `true` or `false`.
If true, shows migration info ONLY for subnets belonging to VMs secured by NSPs.
Shows migration info for ALL subnets, otherwise.

microseg.v4.r0.a1.config.NSPApplicationRuleSpec[Up](#)

A rule for specifying allowed traffic for an application.

securedGroup

[*array\[String\]*](#)

sourceAllowSpec (optional)

[microseg.v4.r0.a1.config.AllowType](#)

destAllowSpec (optional)

[microseg.v4.r0.a1.config.AllowType](#)

sourceCategories (optional)

[array\[String\]](#)

destCategories (optional)

[array\[String\]](#)

sourceSubnet (optional)

[common.v1.r0.a3.config.Ipv4Address](#)

destSubnet (optional)

[common.v1.r0.a3.config.Ipv4Address](#)

sourceAddressGroup (optional)

[String](#) A reference to an address group.

destAddressGroup (optional)

[String](#) A reference to an address group.

serviceGroups (optional)

[array\[String\]](#)

isAllProtocolAllowed (optional)

[Boolean](#)

tcpServices (optional)

[array\[microseg.v4.r0.a1.config.TcpPortRangeSpec\]](#)

udpServices (optional)

[array\[microseg.v4.r0.a1.config.UdpPortRangeSpec\]](#)

icmpServices (optional)

[array\[microseg.v4.r0.a1.config.IcmpTypeCodeSpec\]](#) Icmp Type Code List.

networkFunctionChainExtId (optional)

[String](#)**microseg.v4.r0.a1.config.NSPIntraEntityGroupRuleSpec**[Up](#)

A rule for specifying allowed traffic inside of a secured entity group.

securedGroup

[array\[String\]](#)

securedGroupAction

[microseg.v4.r0.a1.config.IntraEntityGroupRuleAction](#)**microseg.v4.r0.a1.config.NSPTwoEnvIsolationRuleSpec**[Up](#)

A rule for specifying that two environments should be isolated from each other. Specify both 'firstIsolationGroup' and 'secondIsolationGroup'.

firstIsolationGroup

[array\[String\]](#)

secondIsolationGroup

[array\[String\]](#)**microseg.v4.r0.a1.config.NetworkSecurityPolicy**[Up](#)

name

[String](#) Name of the Flow Network Security Policy.
 It can have a maximum length of 63 characters.

type

[microseg.v4.r0.a1.config.PolicyType](#)

description (optional)

[String](#) A user defined annotation for a policy.

state (optional)

[microseg.v4.r0.a1.config.PolicyState](#)

rules (optional)

[array\[microseg.v4.r0.a1.config.NetworkSecurityPolicyRule\]](#) A list of rules that form a policy. For isolation policies, use isolation rules; for application or quarantine policies, use application rules.

isIpv6TrafficAllowed (optional)

[Boolean](#) If Ipv6 Traffic is allowed

isHitlogEnabled (optional)

[Boolean](#) If Hitlog is enabled

vpcExtId (optional)

[String](#)

securedGroups (optional)

[array\[String\]](#)

lastUpdateTime (optional)

[Date](#) format: date-time

creationTime (optional)

[Date](#) format: date-time

isSystemDefined (optional)

[Boolean](#)

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

microseg.v4.r0.a1.config.NetworkSecurityPolicyGetListResponse

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/policies Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [microseg.v4.r0.a1.config.FileWrapper](#)

[microseg.v4.r0.a1.error.ErrorResponse](#)

microseg.v4.r0.a1.config.NetworkSecurityPolicyGetResponse

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/policies/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [microseg.v4.r0.a1.config.NetworkSecurityPolicy](#)

[microseg.v4.r0.a1.error.ErrorResponse](#)

microseg.v4.r0.a1.config.NetworkSecurityPolicyImportEntity - Network security rule import response data.

[Up](#)

Network security rule import response data.

entityType

[microseg.v4.r0.a1.config.NetworkSecurityPolicyImportEntityType](#)

entityName

[*String*](#) Name of the entity.

entityUpdateType

[microseg.v4.r0.a1.config.NetworkSecurityPolicyImportEntityType](#)

microseg.v4.r0.a1.config.NetworkSecurityPolicyImportEntityType

[Up](#)

Type of the entity.

microseg.v4.r0.a1.config.NetworkSecurityPolicyImportEntityTypeUpdateType

[Up](#)

Type of update of the entity.

microseg.v4.r0.a1.config.NetworkSecurityPolicyImportResponse

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/policies/\$actions/import Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#)

[microseg.v4.r0.a1.error.ErrorResponse](#)

microseg.v4.r0.a1.config.NetworkSecurityPolicyMigrationCountSummary

[Up](#)

Cumulative and type based policy counts pre and post Flow migration to FNS 2.0.
 Contains the summary total policy counts and the policy counts grouped by policy type.

totalCountsSummary

[microseg.v4.r0.a1.config.NetworkSecurityPolicyMigrationTotalCountInfo](#)

policyTypeCountsSummary (optional)

[array\[microseg.v4.r0.a1.config.NetworkSecurityPolicyMigrationTypeCountInfo\]](#)

microseg.v4.r0.a1.config.NetworkSecurityPolicyMigrationMetadata

[Up](#)

<p>The meta information about a Flow Network Security Policy.
 The info captures the secured Categories, state of policy, policy type, last modified time, previewId and options.
 The PreviewId can be used to fetch the complete FNS 2.0 policy preview using Preview GET API.
 A sample call would look like</p> <pre><code>/microseg/v4.0.a1/flow-migrator/preview/8f094d6c-d7b2-32c2-8223-462c6c5e06db </code></pre>

description (optional)

[*String*](#) A user defined annotation for a policy metadata during migration.

securedGroupCategoryUuids

[array\[*String*\]](#) List of categories external IDs being secured by the Flow Network Security Policy.

state

[microseg.v4.r0.a1.config.PolicyState](#)

lastUpdateTime (optional)

[*Date*](#) format: date-time

type (optional)

[microseg.v4.r0.a1.config.ConfigMigrationPolicyType](#)

previewId (optional)

[*String*](#) <p>This is a system generated identifier which can be used to preview the complete FNS 2.0 policy corresponding with a FNS 1.0 policy using Preview GET API. A sample call would look like</p> <pre><code>/microseg/v4.0.a1/flow-migrator/preview/8f094d6c-d7b2-32c2-8223-462c6c5e06db </code></pre>

options (optional)

[microseg.v4.r0.a1.config.ConfigMigrationPolicyOptions](#)

name (optional)

[String](#)

microseg.v4.r0.a1.config.NetworkSecurityPolicyMigrationSubnetSummary

[Up](#)

Subnet information to be communicated for subnet migration as part of Flow migration to FNS 2.0.
 The info includes vlanID, vlanName and subnetUuid.

vlanName (optional)

[String](#)

vlanID

[Integer](#)

subnetUuid

[String](#)

microseg.v4.r0.a1.config.NetworkSecurityPolicyMigrationSummary

[Up](#)

Specifies the policy name along with the policy metadata.
 For cases where a single FNS 1.0 policy conversion results in multiple FNS 2.0 policies, it also contains a list of policy metadata corresponding to those system generated policies.

policyName

[String](#) Name of the Flow Network Security Policy.
 It can have a maximum length of 63 characters.

policyMetadata

[microseg.v4.r0.a1.config.NetworkSecurityPolicyMigrationMetadata](#)

systemGenPolicyMetadata (optional)

[array\[microseg.v4.r0.a1.config.NetworkSecurityPolicyMigrationMetadata\]](#) A list of Policy metadata of system generated isolation policies that would get created as part of a successful Flow migration.

microseg.v4.r0.a1.config.NetworkSecurityPolicyMigrationSummaryFailures

[Up](#)

Outlines the error code and description of failure during summarising the migration.

errorCode (optional)

[String](#)

errorDescription (optional)

[String](#)

microseg.v4.r0.a1.config.NetworkSecurityPolicyMigrationTotalCountInfo

[Up](#)

Cumulative Policy counts pre and post Flow migration to FNS 2.0. Contains total count of FNS 2.0 policies that'll be created post successful migration, total count of FNS 1.0 policies before migration and the total count of FNS 2.0 policies which were system generated as a result of FNS 1.0 to FNS 2.0 conversion.

newPoliciesCount

[Integer](#)

oldPoliciesCount

[Integer](#)

systemDefinedPoliciesCount

[Integer](#) Count of isolation policies that would be generated post migration to FNS 2.0.

microseg.v4.r0.a1.config.NetworkSecurityPolicyMigrationTypeCountInfo

[Up](#)

<p>Policy type based counts pre and post Flow migration to FNS 2.0.
 This will be grouped by policy types which can be one of following four types:</p> QUARANTINE POLICY ISOLATION POLICY APPLICATION POLICY AD POLICY

type (optional)

[microseg.v4.r0.a1.config.ConfigMigrationPolicyType](#)

countSummary (optional)

[microseg.v4.r0.a1.config.NetworkSecurityPolicyMigrationTotalCountInfo](#)

microseg.v4.r0.a1.config.NetworkSecurityPolicyRule

[Up](#)

id (optional)

[String](#) Rule UUID; should be used to identify an individual rule uniquely.

description (optional)

[String](#) A user defined annotation for a rule.

type

[microseg.v4.r0.a1.config.RuleType](#)

spec

oneOf: [microseg.v4.r0.a1.config.NSPTwoEnvIsolationRuleSpec](#)

[microseg.v4.r0.a1.config.NSPApplicationRuleSpec](#)

[microseg.v4.r0.a1.config.NSPIntraEntityGroupRuleSpec](#)

microseg.v4.r0.a1.config.NetworkSecurityPolicyRulesGetResponse

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/policies/{extId}/rules Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [microseg.v4.r0.a1.error.ErrorResponse](#)

microseg.v4.r0.a1.config.NetworkSecurityPolicyTaskResponse

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/policies/\$actions/set-allow-ipv6-traffic Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#)

[microseg.v4.r0.a1.error.ErrorResponse](#)

microseg.v4.r0.a1.config.OptionSpec

[Up](#)

List of available tiers

name (optional)

[microseg.v4.r0.a1.config.TierName](#)

memoryInGB (optional)

[Integer](#) Memory in GB of the tier format: int32

description (optional)

[String](#) Description of the tier

microseg.v4.r0.a1.config.PolicyReferenceActionSpec

[Up](#)

value

[Boolean](#)

policyExtIds

[array\[String\]](#) A list of external ids for a set of network security policies.

microseg.v4.r0.a1.config.PolicyReferenceSpec - Network Security Policy ExtId list.

[Up](#)

A list of external ids for a set of network security policies.

policyExtIds

[array\[String\]](#) A list of external ids for a set of network security policies.

microseg.v4.r0.a1.config.PolicyReferenceStateSpec

[Up](#)

state

[microseg.v4.r0.a1.config.PolicyState](#)

policyExtIds

[array\[String\]](#) A list of external ids for a set of network security policies.

microseg.v4.r0.a1.config.PolicyState

[Up](#)

Whether the policy is applied or monitored; can be omitted or set null to save the policy without applying or monitoring it.

microseg.v4.r0.a1.config.PolicyType

[Up](#)

Defines the type of rules that can be used in a policy.

microseg.v4.r0.a1.config.RuleType

[Up](#)

The type for a rule - the value chosen here restricts which specification can be chosen.

microseg.v4.r0.a1.config.ServiceGroup

[Up](#)

name

[String](#) A short identifier for a service group.

description (optional)

[String](#) A user defined annotation for a service group.

isSystemDefined (optional)

[Boolean](#) Service Group is system defined or not.

tcpServices (optional)

[array\[microseg.v4.r0.a1.config.TcpPortRangeSpec\]](#) List of TCP ports in the service.

udpServices (optional)

[array\[microseg.v4.r0.a1.config.UdpPortRangeSpec\]](#) List of UDP ports in the service.

icmpServices (optional)

[array\[microseg.v4.r0.a1.config.IcmpTypeCodeSpec\]](#) Icmp Type Code List.

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

microseg.v4.r0.a1.config.ServiceGroupGetResponse

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/service-groups/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [microseg.v4.r0.a1.config.ServiceGroup](#)

[microseg.v4.r0.a1.error.ErrorResponse](#)

microseg.v4.r0.a1.config.ServiceGroupListResponse

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/service-groups Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [microseg.v4.r0.a1.error.ErrorResponse](#)

microseg.v4.r0.a1.config.ServiceGroupPolicyAssociationResponse

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/service-groups/\$actions/build-policy-association Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [microseg.v4.r0.a1.error.ErrorResponse](#)

microseg.v4.r0.a1.config.ServiceGroupPolicyReference

[Up](#)

Reference to policy associated with service group.

serviceGroupUuid (optional)

[String](#)

policyUuids (optional)

[array\[String\]](#)

microseg.v4.r0.a1.config.ServiceGroupReferenceSpec

[Up](#)

List of service group UUID

serviceGroupUuidList

[array\[String\]](#)

microseg.v4.r0.a1.config.ServiceGroupTaskResponse

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/service-groups/{extId} Delete operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#)
[microseg.v4.r0.a1.error.ErrorResponse](#)

microseg.v4.r0.a1.config.TcpPortRangeSpec

[Up](#)

Range of TCP/UDP ports.

startPort
[Integer](#) format: int32

endPort
[Integer](#) format: int32

microseg.v4.r0.a1.config.Tier

[Up](#)

activeTier
[microseg.v4.r0.a1.config.TierName](#)

extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

microseg.v4.r0.a1.config.TierGetResponse

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/cadmus/tiers Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
oneOf: [microseg.v4.r0.a1.config.TierResponse](#)
[microseg.v4.r0.a1.error.ErrorResponse](#)

microseg.v4.r0.a1.config.TierName

[Up](#)

Name of the tier

microseg.v4.r0.a1.config.TierResponse

[Up](#)

options (optional)
[array\[microseg.v4.r0.a1.config.OptionSpec\]](#) List of available tiers

activeTier
[microseg.v4.r0.a1.config.TierName](#)

microseg.v4.r0.a1.config.TierUpdateResponse

[Up](#)

REST response for all response codes in API path /microseg/v4.0.a1/config/cadmus/tiers Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
oneOf: [prism.v4.r0.a2.config.TaskReference](#)
[microseg.v4.r0.a1.error.ErrorResponse](#)

microseg.v4.r0.a1.config.UdpPortRangeSpec[Up](#)

Range of TCP/UDP ports.

startPort

[Integer](#) format: int32

endPort

[Integer](#) format: int32

microseg.v4.r0.a1.error.AppMessage[Up](#)

This schema is generated from AppMessage.java

message (optional)

[String](#)

severity (optional)

[common.v1.r0.a3.config.MessageSeverity](#)

code (optional)

[String](#)

locale (optional)

[String](#) The locale for the message description.

errorGroup (optional)

[String](#)

argumentsMap (optional)

[map\[String, String\]](#)

microseg.v4.r0.a1.error.ErrorResponse[Up](#)

This schema is auto-generated by the Open API Dev Platform as REST response for 4xx and 5xx error responses.

error (optional)

oneOf: [microseg.v4.r0.a1.error.SchemaValidationError](#)

microseg.v4.r0.a1.error.MessageSeverity[Up](#)

Enum schema MessageSeverity

microseg.v4.r0.a1.error.SchemaValidationError[Up](#)

This schema is generated from SchemaValidationError.java

timestamp (optional)

[String](#)

statusCode (optional)

[Integer](#)

error (optional)

[String](#)

path (optional)

[String](#)

validationErrorMessages (optional)

[array\[microseg.v4.r0.a1.error.SchemaValidationErrorMessage\]](#)

microseg.v4.r0.a1.error.SchemaValidationErrorMessage[Up](#)

This schema is generated from SchemaValidationErrorMessage.java

location (optional)

[*String*](#)

message (optional)

[*String*](#)

attributePath (optional)

[*String*](#)

prism.v4.r0.a2.config.TaskReference

[Up](#)

Reference to a task tracking an asynchronous operation. The status of the task can be queried by making a GET request to the task URI provided in the metadata section of the API response.

extId (optional)

[*String*](#) A globally unique identifier of a task.

Nutanix Networking Versioned APIs

Manage networking configuration on Nutanix clusters, including AHV and advanced networking.

More information: <https://helloverb.com>

Contact Info: hello@helloverb.com

Version: 4.0.1-beta-1

BasePath: /api

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Access

1. HTTP Basic Authentication

Methods

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BgpSession

POST /networking/v4.0.b1/config/bgp-sessions

[Up](#)

Create BGP session. ([createBgpSession](#))

Create BGP session. Requires Prism Central >= pc.2022.9.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [networking.v4.r0.b1.config.BgpSession](#) (required)

Body Parameter — Create BGP session request body.

Request headers

Return type

[inline response 202](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

```
}
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**Create BGP session response. [inline response 202](#)**4XX**Client error response [inline response 4XX 1](#)**5XX**Server error response [inline response 4XX 1](#)

DELETE /networking/v4.0.b1/config/bgp-sessions/{extId}

[Up](#)Delete BGP session request. (`deleteBgpSession`)

Delete BGP session for the specified {extId}. Requires Prism Central >= pc.2022.9.

Path parameters**extId (required)***Path Parameter* — BGP session UUID. Requires Prism Central >= pc.2022.9.**Request headers****Return type**[inline response 202](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Delete BGP session response. [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

GET /networking/v4.0.b1/config/bgp-sessions/{extId}

[Up](#)

Get BGP session request. ([getBgpSession](#))

Get BGP session for the specified {extId}. Requires Prism Central >= pc.2022.9.

Path parameters

extId (required)

Path Parameter — BGP session UUID. Requires Prism Central >= pc.2022.9.

Return type

[inline response 200 1](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Get BGP session response. [inline response 200 1](#)

4XX

Client error response [inline response 4XX 2](#)

5XX

Server error response [inline response 4XX 2](#)

GET /networking/v4.0.b1/config/bgp-sessions

List BGP sessions request. (`listBgpSessions`)

List BGP sessions request. Requires Prism Central >= pc.2022.9.

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

- dynamicRoutePriority
- localGatewayReference
- name
- remoteGatewayReference

\$orderby (optional)

Query Parameter —

A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- dynamicRoutePriority
- name

\$expand (optional)

Query Parameter —

A URL query parameter that allows clients to request related resources when a resource that satisfies a particular request is retrieved. Each expand item is evaluated relative to the entity containing the property being expanded. Other query options can be applied to an expanded property by appending a semicolon-separated list of query options, enclosed in parentheses, to the property name. Allowed system query options are \$filter, \$select, \$orderby. The following expansion keys are supported.

- localGateway
- remoteGateway

Return type

[inline response 200](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
```

```

    "value" : ""
  } ]
},
"data" : [ "", "" ]
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**List BGP sessions response. [inline response 200](#)**4XX**Client error response [inline response 4XX](#)**5XX**Server error response [inline response 4XX](#)**PUT /networking/v4.0.b1/config/bgp-sessions/{extId}**[Up](#)Update BGP session request. (**updateBgpSession**)

Update BGP session for the specified {extId}. Requires Prism Central >= pc.2022.9.

Path parameters**extId (required)***Path Parameter* — BGP session UUID. Requires Prism Central >= pc.2022.9.**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/json

Request bodybody [networking.v4.r0.b1.config.BgpSession](#) (required)*Body Parameter* — Update BGP session request body.**Request headers****Return type**[inline response 202](#)**Example data**

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {

```

```

    "name" : "name",
    "value" : ""
  } ]
},
"data" : {
  "extId" : "extId"
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Update BGP session response. [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

Bridge

POST /networking/v4.0.b1/config/virtual-switches/\$actions/migrate

[Up](#)

(migrateBridgeToVirtualSwitches)

Create a Virtual Switch from an existing bridge

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [networking.v4.r0.b1.config.Bridge](#) (required)

Body Parameter — Schema of bridge to migrate to a Virtual Switch

Request headers

Return type

[inline response 202](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    } ]
  }
}

```

```

    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**

Task Id corresponding to the migrate Bridge to a Virtual Switch operation [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

ClusterCapability

GET /networking/v4.0.b1/config/capabilities

Up

Get cluster capabilities (**getClusterCapabilities**)

List the capabilities for one or more cluster UUIDs. Requires Prism Central >= pc.2023.3.

Query parameters**\$page (optional)**

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter — <p>A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:</p> clusterId

Return type

[inline response 200 2](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {

```

```

    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : [ "", "" ]
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

List of all capabilities with cluster UUID as key. [inline response 200_2](#)

4XX

Client error response [inline response 4XX_3](#)

5XX

Server error response [inline response 4XX_3](#)

FloatingIp

POST /networking/v4.0.b1/config/floating-ips

[Up](#)

Create a floating IP. (**createFloatingIp**)

Configure a floating IP.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [networking.v4.r0.b1.config.FloatingIp](#) (required)

Body Parameter — Task Id corresponding to the Create Floating IP operation.

Request headers**Return type**

[inline response 202](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",

```

```

    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
}, {
  "data" : {
    "extId" : "extId"
  }
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**

Task Id corresponding to the Create Floating IP operation. [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

DELETE /networking/v4.0.b1/config/floating-ips/{extId}

[Up](#)

Delete the floating IP corresponding to the extId. (**deleteFloatingIp**)

Delete the floating IP corresponding to the extId. Requires Prism Central >= pc.2022.9.

Path parameters

extId (required)

Path Parameter — ExtId of the floating IP.

Request headers**Return type**

[inline response 202](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {

```

```

    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
}, {
  "data" : {
    "extId" : "extId"
  }
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**Task Id corresponding to the delete floating IP operation. [inline response 202](#)**4XX**Client error response [inline response 4XX 1](#)**5XX**Server error response [inline response 4XX 1](#)

GET /networking/v4.0.b1/config/floating-ips/{extId}

[Up](#)

Get the floating IP for this extId. (**getFloatingIp**)

Get the floating IP for the specific extId. Requires Prism Central >= pc.2022.9.

Path parameters**extId (required)***Path Parameter* – ExtId of the floating IP.**Return type**[inline response 200 4](#)**Example data**

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```


Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Get the floating IP Response for the specific extId. [inline_response_200_4](#)

4XX

Client error response [inline_response_4XX_5](#)

5XX

Server error response [inline_response_4XX_5](#)

GET /networking/v4.0.b1/config/floating-ips

Up

Get a list of floating IPs. (listFloatingIp)

Get a list of floating IPs. Requires Prism Central >= pc.2022.9.

Query parameters**\$page (optional)**

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter — <p>A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:</p> association externalSubnetReference floatingIp/ipv4/value floatingIp/ipv6/value name

\$orderby (optional)

Query Parameter — <p>A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:</p> floatingIp/ipv4/value floatingIp/ipv6/value name

\$expand (optional)

Query Parameter — <p>A URL query parameter that allows clients to request related resources when a resource that satisfies a particular request is retrieved. Each expand item is evaluated relative to the entity containing the property being expanded. Other query options can be applied to an expanded property by appending a semicolon-separated list of query options, enclosed in parentheses, to the property name. Allowed system query options are \$filter, \$select, \$orderby. The following expansion keys are supported.</p> externalSubnet vmNic vpc

Return type

[inline_response_200_3](#)

Example data

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults": 0,
    "flags": [ {
      "name": "name",
      "value": false
    }, {
      "name": "name",
      "value": false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    }, {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",

```

```

    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : [ "", "" ]
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

List of floating IPs queried. [inline response 200 3](#)

4XX

Client error response [inline response 4XX 4](#)

5XX

Server error response [inline response 4XX 4](#)

PUT /networking/v4.0.b1/config/floating-ips/{extId}

[Up](#)

Update the floating IP for this extId. (**putFloatingIp**)

Update the floating IP for this extId. Requires Prism Central >= pc.2022.9.

Path parameters**extId (required)***Path Parameter* – ExtId of the floating IP.**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body**body** [networking.v4.r0.b1.config.FloatingIp](#) (required)*Body Parameter* – Configure a floating IP.**Request headers****Return type**[inline response 202](#)**Example data**

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",

```

```

    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : {
  "extId" : "extId"
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**Task Id corresponding to the update floating IP request. [inline response 202](#)**4XX**Client error response [inline response 4XX 1](#)**5XX**Server error response [inline response 4XX 1](#)

Gateway

POST /networking/v4.0.b1/config/gateways

[Up](#)Create network gateway (**createGateway**)

Create gateway. Requires Prism Central >= pc.2022.9.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [networking.v4.r0.b1.config.Gateway](#) (required)
Body Parameter — Create gateway request body

Request headers**Return type**[inline response 202](#)**Example data**

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",

```

```

    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : {
  "extId" : "extId"
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**Create gateway response [inline response 202](#)**4XX**Client error response [inline response 4XX 1](#)**5XX**Server error response [inline response 4XX 1](#)**DELETE** /networking/v4.0.b1/config/gateways/{extId}[Up](#)Delete network gateway (**deleteGateway**)

Delete gateway for the specified UUID

Path parameters**extId (required)***Path Parameter* — Gateway UUID**Request headers****Return type**[inline response 202](#)**Example data**

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",

```

```

    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
}, {
  "data" : {
    "extId" : "extId"
  }
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Delete gateway response [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

GET /networking/v4.0.b1/config/gateways/{extId}

[Up](#)

Get network gateway ([getGateway](#))

Get the gateway for the specified extId. Requires Prism Central >= pc.2022.9.

Path parameters

extId (required)

Path Parameter — Gateway UUID

Return type

[inline response 200 13](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {

```

```

    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

gateway details for the specified extId. [inline response 200 13](#)

4XX

Client error response [inline response 4XX 14](#)

5XX

Server error response [inline response 4XX 14](#)

GET /networking/v4.0.b1/config/gateways

[Up](#)

List network gateways (**listGateways**)

Get the list of the existing Network gateways. Requires Prism Central >= pc.2022.9.

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

- cloudNetworkReference
- gatewayDeviceVendor
- installedSoftwareVersion
- name
- supportedSoftwareVersion
- vmReference
- vpcReference

\$orderby (optional)

Query Parameter —

A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- name

\$expand (optional)

Query Parameter —

A URL query parameter that allows clients to request related resources when a resource that satisfies a particular request is retrieved. Each expand item is evaluated relative to the entity containing the property being expanded. Other query options can be applied to an expanded property by appending a semicolon-separated list of query options, enclosed in parentheses, to the property name. Allowed system query options are \$filter, \$select, \$orderby. The following expansion keys are supported.

- vm
- vpc

\$select (optional)

Query Parameter —

A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.

- cloudNetworkReference
- deployment
- description
- extId
- gatewayDeviceVendor
- installedSoftwareVersion
- links
- metadata
- name
- services
- status
- supportedSoftwareVersion
- tenantId
- vm
- vmReference
- vpc
- vpcReference

Return type

[inline response 200 12](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",

```

```

    "value" : false
  }, {
    "name" : "name",
    "value" : false
  } ],
  "messages" : [ {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
}, {
  "data" : [ "", "" ]
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

List of all gateways [inline response 200 12](#)

4XX

Client error response [inline response 4XX 13](#)

5XX

Server error response [inline response 4XX 13](#)

PUT /networking/v4.0.b1/config/gateways/{extId}

[Up](#)

Update network gateway (**updateGateway**)

Update gateway. Requires Prism Central >= pc.2022.9.

Path parameters

extId (required)

Path Parameter — Gateway UUID

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [networking.v4.r0.b1.config.Gateway](#) (required)

Body Parameter — Update gateway request body

Request headers**Return type**

[inline response 202](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {

```

```

    "name" : "name",
    "value" : false
  }, {
    "name" : "name",
    "value" : false
  } ],
  "messages" : [ {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : {
  "extId" : "extId"
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Update gateway response [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

POST /networking/v4.0.b1/config/gateways/{extId}/\$actions/upgrade

[Up](#)

Upgrade network gateway (**upgradeGateway**)

Upgrade the gateway for the specified UUID. Requires Prism Central >= pc.2022.9.

Path parameters

extId (required)

Path Parameter — Gateway UUID

Request headers

Return type

[inline response 202](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
  }
}

```



```

    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Upgrade gateway response [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

IPFIXExporter

POST /networking/v4.0.b1/config/ipfix-exporters

[Up](#)Create an IPFIX Exporter. ([createIpfixExporter](#))

Create an IPFIX Exporter. Requires Prism Central >= pc.2022.9.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request bodybody [networking.v4.r0.b1.config.IPFIXExporter](#) (required)*Body Parameter* — Request schema to create the IPFIX exporter.**Request headers****Return type**[inline response 202](#)**Example data**

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ]
  }
}

```

```

    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**Task Id corresponding to create IPFIX exporter operation. [inline response 202](#)**4XX**Client error response [inline response 4XX 1](#)**5XX**Server error response [inline response 4XX 1](#)**DELETE** /networking/v4.0.b1/config/ipfix-exporters/{extId}[Up](#)Delete the specified IPFIX Exporter. (**deleteIpfixExporter**)

Delete the specified IPFIX exporter. Requires Prism Central >= pc.2022.9.

Path parameters**extId (required)***Path Parameter* – UUID of IPFIX exporter.**Request headers****Return type**[inline response 202](#)**Example data**

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }
  ]
}

```

```

    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**

Task Id corresponding to delete IPFIX exporter. [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

GET /networking/v4.0.b1/config/ipfix-exporters/{extId}

[Up](#)

Get the specified IPFIX Exporter. ([getIpfixExporter](#))

Get the IPFIX exporter for the given extId. Requires Prism Central >= pc.2022.9.

Path parameters

extId (required)

Path Parameter – UUID of IPFIX exporter.

Return type

[inline response 200 6](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    } ]
  }
}

```

```

    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**

The IPFIX exporter object returned by the get operation. [inline response 200 6](#)

4XX

Client error response [inline response 4XX 7](#)

5XX

Server error response [inline response 4XX 7](#)

GET /networking/v4.0.b1/config/ipfix-exporters

[Up](#)

Get the list of existing IPFIX Exporters. ([listIpfixExporters](#))

Get the list of existing IPFIX exporters. Requires Prism Central >= pc.2022.9.

Return type

[inline response 200 5](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : [ "", "" ]
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

List of IPFIX exporters. [inline response 200_5](#)

4XX

Client error response [inline response 4XX_6](#)

5XX

Server error response [inline response 4XX_6](#)

PUT /networking/v4.0.b1/config/ipfix-exporters/{extId}

[Up](#)

Update the specified IPFIX Exporter. ([updateIpfixExporter](#))

Update the specified IPFIX exporter. Requires Prism Central >= pc.2022.9.

Path parameters

extId (required)

Path Parameter — UUID of IPFIX exporter.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [networking.v4.r0.b1.config.IPFIXExporter](#) (required)

Body Parameter — Request schema to update the specified IPFIX exporter.

Request headers

Return type

[inline response 202](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

```
}  
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202
Task Id corresponding to update IPFIX exporter operation. [inline response 202](#)
4XX
Client error response [inline response 4XX 1](#)
5XX
Server error response [inline response 4XX 1](#)

Layer2Stretch

POST /networking/v4.0.b1/config/layer2-stretches

[Up](#)

Create a Layer2Stretch configuration. ([createLayer2Stretch](#))

Create a Layer2Stretch configuration. Requires Prism Central >= pc.2022.9.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [networking.v4.r0.b1.config.Layer2Stretch](#) (required)
Body Parameter — Request schema to create the Layer2Stretch configuration.

Request headers

Return type

[inline response 202](#)

Example data

Content-Type: application/json

```
{  
  "metadata" : {  
    "totalAvailableResults" : 0,  
    "flags" : [ {  
      "name" : "name",  
      "value" : false  
    }, {  
      "name" : "name",  
      "value" : false  
    } ],  
    "messages" : [ {  
      "severity" : "$UNKNOWN",  
      "code" : "code",  
      "message" : "message",  
      "locale" : "en_US"  
    }, {  
      "severity" : "$UNKNOWN",  
      "code" : "code",  
      "message" : "message",  
      "locale" : "en_US"  
    } ],  
    "links" : [ {  
      "rel" : "rel",  
      "href" : "href"  
    }, {  
      "rel" : "rel",  
      "href" : "href"  
    } ],  
    "extraInfo" : [ {  
      "name" : "name",  
      "value" : ""  
    }, {  
      "name" : "name",  
      "value" : ""  
    } ]  
  },  
  "data" : {
```

```

    "extId" : "extId"
  }
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**

Task Id corresponding with the create Layer2Stretch operation. [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

DELETE /networking/v4.0.b1/config/layer2-stretches/{extId}

[Up](#)

Delete the specified Layer2Stretch configuration. (**deleteLayer2Stretch**)

Delete the specified Layer2Stretch configuration. Requires Prism Central >= pc.2022.9.

Path parameters

extId (required)

Path Parameter – The UUID of the Layer2Stretch configuration.

Request headers**Return type**

[inline response 202](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Task Id corresponding with the delete Layer2Stretch operation. [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

GET /networking/v4.0.b1/config/layer2-stretches/{extId}

[Up](#)

Get the Layer2Stretch configuration with the specified UUID. (**getLayer2Stretch**)

Get the Layer2Stretch configuration with the specified UUID. Requires Prism Central >= pc.2022.9.

Path parameters

extId (required)

Path Parameter — The UUID of the Layer2Stretch configuration.

Return type

[inline response 200 8](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Docref(GetLayer2StretchByUuidResponse) [inline response 200 8](#)

4XX

Client error response [inline response 4XX 9](#)

5XX

Server error response [inline response 4XX 9](#)

GET /networking/v4.0.b1/config/clusters/{extId}/layer2-stretches/related-entities

Get the stretch-related entities from the specified Prism Central cluster. (**getLayer2StretchRelatedEntities**)

Get the stretch-related entities from the specified Prism Central cluster. Requires Prism Central >= pc.2022.9.

Path parameters

extId (required)
Path Parameter – The UUID of the Prism Central cluster to retrieve stretch-related entities.

Return type
[inline response 200 9](#)

Example data
Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "vpnConnections" : [ { }, { }, { }, { }, { }, { }, { }, { }, { }, { }, { }, { } ],
    "subnets" : [ {
      "ipSubnet" : {
        "ipv4" : {
          "prefixLength" : 4,
          "ip" : {
            "prefixLength" : 19,
            "value" : "value"
          }
        },
        "ipv6" : {
          "prefixLength" : 72,
          "ip" : {
            "prefixLength" : 76,
            "value" : "value"
          }
        }
      },
      "subnetReference" : {
        "uris" : [ "uris", "uris" ],
        "entityType" : "$UNKNOWN",
        "name" : "name",
        "extId" : "extId"
      },
      "vlanId" : 0,
      "defaultGatewayIp" : { }
    }, {

```



```

    }
  },
  "ipv6" : {
    "prefixLength" : 72,
    "ip" : {
      "prefixLength" : 76,
      "value" : "value"
    }
  }
},
"subnetReference" : {
  "uris" : [ "uris", "uris" ],
  "entityType" : "$UNKNOWN",
  "name" : "name",
  "extId" : "extId"
},
"vlanId" : 0,
"defaultGatewayIp" : { }
}, {
  "ipSubnet" : {
    "ipv4" : {
      "prefixLength" : 4,
      "ip" : {
        "prefixLength" : 19,
        "value" : "value"
      }
    },
    "ipv6" : {
      "prefixLength" : 72,
      "ip" : {
        "prefixLength" : 76,
        "value" : "value"
      }
    }
  },
  "subnetReference" : {
    "uris" : [ "uris", "uris" ],
    "entityType" : "$UNKNOWN",
    "name" : "name",
    "extId" : "extId"
  },
  "vlanId" : 0,
  "defaultGatewayIp" : { }
}, {
  "ipSubnet" : {
    "ipv4" : {
      "prefixLength" : 4,
      "ip" : {
        "prefixLength" : 19,
        "value" : "value"
      }
    },
    "ipv6" : {
      "prefixLength" : 72,
      "ip" : {
        "prefixLength" : 76,
        "value" : "value"
      }
    }
  },
  "subnetReference" : {
    "uris" : [ "uris", "uris" ],
    "entityType" : "$UNKNOWN",
    "name" : "name",
    "extId" : "extId"
  },
  "vlanId" : 0,
  "defaultGatewayIp" : { }
}, {
  "ipSubnet" : {
    "ipv4" : {
      "prefixLength" : 4,
      "ip" : {
        "prefixLength" : 19,
        "value" : "value"
      }
    },
    "ipv6" : {
      "prefixLength" : 72,
      "ip" : {
        "prefixLength" : 76,

```

```

        "value" : "value"
      }
    }
  },
  "subnetReference" : {
    "uris" : [ "uris", "uris" ],
    "entityType" : "$UNKNOWN",
    "name" : "name",
    "extId" : "extId"
  },
  "vlanId" : 0,
  "defaultGatewayIp" : { }
}, {
  "ipSubnet" : {
    "ipv4" : {
      "prefixLength" : 4,
      "ip" : {
        "prefixLength" : 19,
        "value" : "value"
      }
    },
    "ipv6" : {
      "prefixLength" : 72,
      "ip" : {
        "prefixLength" : 76,
        "value" : "value"
      }
    }
  },
  "subnetReference" : {
    "uris" : [ "uris", "uris" ],
    "entityType" : "$UNKNOWN",
    "name" : "name",
    "extId" : "extId"
  },
  "vlanId" : 0,
  "defaultGatewayIp" : { }
}, {
  "ipSubnet" : {
    "ipv4" : {
      "prefixLength" : 4,
      "ip" : {
        "prefixLength" : 19,
        "value" : "value"
      }
    },
    "ipv6" : {
      "prefixLength" : 72,
      "ip" : {
        "prefixLength" : 76,
        "value" : "value"
      }
    }
  },
  "subnetReference" : {
    "uris" : [ "uris", "uris" ],
    "entityType" : "$UNKNOWN",
    "name" : "name",
    "extId" : "extId"
  },
  "vlanId" : 0,
  "defaultGatewayIp" : { }
} ],
"vtepGateways" : [ {
  "gatewayReference" : "gatewayReference",
  "gatewayName" : "gatewayName",
  "vxlanPort" : 2,
  "isLocal" : true,
  "vteps" : [ { } ]
}, {
  "gatewayReference" : "gatewayReference",
  "gatewayName" : "gatewayName",
  "vxlanPort" : 2,
  "isLocal" : true,
  "vteps" : [ { } ]
}, {
  "gatewayReference" : "gatewayReference",
  "gatewayName" : "gatewayName",
  "vxlanPort" : 2,
  "isLocal" : true,
  "vteps" : [ { } ]
} ]

```

```

    }, {
      "gatewayReference" : "gatewayReference",
      "gatewayName" : "gatewayName",
      "vxlanPort" : 2,
      "isLocal" : true,
      "vteps" : [ { } ]
    }, {
      "gatewayReference" : "gatewayReference",
      "gatewayName" : "gatewayName",
      "vxlanPort" : 2,
      "isLocal" : true,
      "vteps" : [ { } ]
    }, {
      "gatewayReference" : "gatewayReference",
      "gatewayName" : "gatewayName",
      "vxlanPort" : 2,
      "isLocal" : true,
      "vteps" : [ { } ]
    }, {
      "gatewayReference" : "gatewayReference",
      "gatewayName" : "gatewayName",
      "vxlanPort" : 2,
      "isLocal" : true,
      "vteps" : [ { } ]
    }, {
      "gatewayReference" : "gatewayReference",
      "gatewayName" : "gatewayName",
      "vxlanPort" : 2,
      "isLocal" : true,
      "vteps" : [ { } ]
    }, {
      "gatewayReference" : "gatewayReference",
      "gatewayName" : "gatewayName",
      "vxlanPort" : 2,
      "isLocal" : true,
      "vteps" : [ { } ]
    }, {
      "gatewayReference" : "gatewayReference",
      "gatewayName" : "gatewayName",
      "vxlanPort" : 2,
      "isLocal" : true,
      "vteps" : [ { } ]
    } ]
  }
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Stretch-related entities returned by the Get request. [inline response 200 9](#)

4XX

Client error response [inline response 4XX 10](#)

5XX

Server error response [inline response 4XX 10](#)

GET /networking/v4.0.b1/config/layer2-stretches

[Up](#)

Get the list of existing Layer2Stretch configurations. Requires Prism Central >= pc.2022.9. ([listLayer2Stretches](#))

Get the list of existing Layer2Stretch configurations. Requires Prism Central >= pc.2022.9.

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter — <p>A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the

\$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

- name
- vni

\$orderby (optional)

Query Parameter — A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- name
- vni

Return type

[inline response 200 7](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : [ "", "" ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Paginated list of Layer2Stretch configurations. [inline response 200 7](#)

4XX

Client error response [inline response 4XX 8](#)

5XX

Server error response [inline response 4XX 8](#)

PUT /networking/v4.0.b1/config/layer2-stretches/{extId}

[Up](#)

Update the specified Layer2Stretch configuration. (**updateLayer2Stretch**)

Update the specified Layer2Stretch configuration. Requires Prism Central >= pc.2022.9.

Path parameters

extId (required)

Path Parameter — The UUID of the Layer2Stretch configuration.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [networking.v4.r0.b1.config.Layer2Stretch](#) (required)

Body Parameter – Request schema to update the specified Layer2Stretch configuration.

Request headers**Return type**

[inline_response_202](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Task Id corresponding to update Layer2Stretch operation. [inline_response_202](#)

4XX

Client error response [inline_response_4XX_1](#)

5XX

Server error response [inline_response_4XX_1](#)

Layer2StretchStats

GET /networking/v4.0.b1/stats/layer2-stretches/{extId}

[Up](#)

Get Layer2Stretch statistics ([getLayer2StretchStats](#))

Get Layer2Stretch statistics. Requires Prism Central >= pc.2022.9.

Path parameters

extId (required)

Path Parameter – The UUID of the Layer2Stretch configuration.

Query parameters

\$startTime (optional)

Query Parameter – The start time of the period for which stats should be reported. The value should be in extended ISO-8601 format. For example, start time of 2022-04-23T01:23:45.678+09:00 would consider all stats starting at 1:23:45.678 on the 23rd of April 2022. Details around ISO-8601 format can be found at <https://www.iso.org/standard/70907.html>

\$endTime (optional)

Query Parameter – The end time of the period for which stats should be reported. The value should be in extended ISO-8601 format. For example, end time of 2022-04-23T013:23:45.678+09:00 would consider all stats till 13:23:45.678 on the 23rd of April 2022. Details around ISO-8601 format can be found at <https://www.iso.org/standard/70907.html>

\$samplingInterval (optional)

Query Parameter – The sampling interval in seconds at which statistical data should be collected For example, do you want performance statistics every 30 seconds? Every 60 seconds?

\$statType (optional)

Query Parameter –

\$page (optional)

Query Parameter – A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter – A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$select (optional)

Query Parameter –

A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.

- entityUuid
- extId
- links
- rtt
- statType
- tenantId
- throughputRxKbps
- throughputTxKbps

Return type

[inline response 200 33](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  }
}

```



```

    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Get Layer2Stretch statistics response [inline response 200 33](#)

4XX

Client error response [inline response 4XX 34](#)

5XX

Server error response [inline response 4XX 34](#)

NetworkController

POST /networking/v4.0.b1/config/controllers

[Up](#)**Create a network controller (createNetworkController)**

Create a network controller. For large Prism Centrals, an additional 3GB of memory and 3 vCPUs are required, for each Prism Central node. For small Prism Centrals, an additional 1GB of memory and 1 vCPU is required, for each Prism Central node. Requires Prism Central >= pc.2022.9.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [networking.v4.r0.b1.config.NetworkController](#) (required)

Body Parameter — Network controller to create

Request headers**Return type**

[inline response 202](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  }
}

```

```

    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Task Id corresponding to the create operation [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

DELETE /networking/v4.0.b1/config/controllers/{extId}

[Up](#)

Delete a network controller (**deleteNetworkController**)

Delete a network controller. Requires Prism Central >= pc.2022.9.

Path parameters

extId (required)

Path Parameter — The UUID of the network controller

Request headers

Return type

[inline response 202](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Task Id corresponding to the delete operation [inline_response_202](#)

4XX

Client error response [inline_response_4XX_1](#)

5XX

Server error response [inline_response_4XX_1](#)

GET /networking/v4.0.b1/config/controllers/{extId}

[Up](#)

Get the network controller with the specified UUID ([getNetworkController](#))

Get the network controller with the specified UUID. Requires Prism Central >= pc.2022.9.

Path parameters**extId (required)***Path Parameter* — The UUID of the network controller**Return type**[inline_response_200_11](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Network controller object [inline_response_200_11](#)

4XX

Client error response [inline_response_4XX_12](#)

5XX

Server error response [inline response 4XX 12](#)

GET /networking/v4.0.b1/config/controllers

[Up](#)

Gets the list of existing network controllers (**listNetworkControllers**)

Gets the list of existing network controllers. Requires Prism Central >= pc.2022.9.

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

Return type

[inline response 200 10](#)

Example data

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults": 0,
    "flags": [ {
      "name": "name",
      "value": false
    }, {
      "name": "name",
      "value": false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    }, {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    } ],
    "links": [ {
      "rel": "rel",
      "href": "href"
    }, {
      "rel": "rel",
      "href": "href"
    } ],
    "extraInfo": [ {
      "name": "name",
      "value": ""
    }, {
      "name": "name",
      "value": ""
    } ]
  },
  "data": [ "", "" ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Paginated list of network controllers [inline response 200 10](#)

4XX

Client error response [inline response 4XX 11](#)

5XX

Server error response [inline response 4XX 11](#)

PUT /networking/v4.0.b1/config/controllers/{extId}

Update a network controller summary (**updateNetworkController**)

Update a network controller. Requires Prism Central >= pc.2022.9.

Path parameters

extId (required)

Path Parameter — The UUID of the network controller

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [networking.v4.r0.b1.config.NetworkController](#) (required)

Body Parameter — Network controller to update

Request headers

Return type

[inline response 202](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Task Id corresponding to the update operation [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline_response_4XX_1](#)

RouteTable

[Up](#)

GET /networking/v4.0.b1/config/route-tables/{extId}

Get route table (**getRouteTable**)

Get the route table for the specified extId. Requires Prism Central >= pc.2022.9.

Path parameters

extId (required)*Path Parameter* — Route table UUID

Return type

[inline_response_200_15](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Route table [inline_response_200_15](#)

4XX

Client error response [inline_response_4XX_16](#)

5XX

Server error response [inline_response_4XX_16](#)[Up](#)

GET /networking/v4.0.b1/config/route-tables

List route tables (**listRouteTables**)

List route tables. Requires Prism Central >= pc.2022.9.

Query parameters**\$page (optional)**

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

- externalRoutingDomainReference
- vpcReference

Return type

[inline response 200 14](#)

Example data

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults" : 0,
    "flags": [ {
      "name": "name",
      "value": false
    }, {
      "name": "name",
      "value": false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    }, {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    } ],
    "links": [ {
      "rel": "rel",
      "href": "href"
    }, {
      "rel": "rel",
      "href": "href"
    } ],
    "extraInfo": [ {
      "name": "name",
      "value": ""
    }, {
      "name": "name",
      "value": ""
    } ]
  },
  "data": [ "", "" ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

List of route tables [inline response 200 14](#)

4XX

Client error response [inline response 4XX 15](#)

5XX

Server error response [inline response 4XX 15](#)

PUT /networking/v4.0.b1/config/route-tables/{extId}

Update route table (`updateRouteTable`)

Update route table. Requires Prism Central >= pc.2022.9.

Path parameters**extId (required)***Path Parameter* — Route table UUID**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/json

Request bodybody [networking.v4.r0.b1.config.RouteTable](#) (required)*Body Parameter* — Update route table request body**Request headers****Return type**[inline response 202](#)**Example data**

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults": 0,
    "flags": [ {
      "name": "name",
      "value": false
    }, {
      "name": "name",
      "value": false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    }, {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    } ],
    "links": [ {
      "rel": "rel",
      "href": "href"
    }, {
      "rel": "rel",
      "href": "href"
    } ],
    "extraInfo": [ {
      "name": "name",
      "value": ""
    }, {
      "name": "name",
      "value": ""
    } ]
  },
  "data": {
    "extId": "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**Update route table response [inline response 202](#)**4XX**Client error response [inline response 4XX 1](#)**5XX**Server error response [inline response 4XX 1](#)

RoutingPolicy

[Up](#)

POST /networking/v4.0.b1/config/routing-policies

Create a Routing Policy. ([createRoutingPolicy](#))

Create a routing policy. Requires Prism Central >= pc.2022.9.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [networking.v4.r0.b1.config.RoutingPolicy](#) (required)
Body Parameter — Schema to configure a routing policy.

Request headers

Return type

[inline response 202](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Task Id corresponding to the create Routing Policy request. [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

DELETE /networking/v4.0.b1/config/routing-policies/{extId}

Delete the Routing Policy corresponding to the extId. (**deleteRoutingPolicy**)

Delete the routing policy corresponding to the extId. Requires Prism Central >= pc.2022.9.

Path parameters

extId (required)

Path Parameter — ExtId of the Routing Policy.

Request headers

Return type

[inline response 202](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Task Id corresponding to the delete routing policy request. [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

GET /networking/v4.0.b1/config/routing-policies/{extId}

Get a single Routing Policy corresponding to the extId. (**getRoutingPolicy**)

Get a single routing policy corresponding to the extId. Requires Prism Central >= pc.2022.9.

Path parameters**extId (required)***Path Parameter* — ExtId of the Routing Policy.**Return type**[inline response 200 17](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**Routing policy queried. [inline response 200 17](#)**4XX**Client error response [inline response 4XX 18](#)**5XX**Server error response [inline response 4XX 18](#)

GET /networking/v4.0.b1/config/routing-policies

[Up](#)Get a list of Routing Policies. (**listRoutingPolicies**)

Get a list of routing policies. Requires Prism Central >= pc.2022.9.

Query parameters**\$page (optional)**

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter – <p>A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:</p> name policies/policyAction/actionType policies/policyMatch/protocolType policies/policyMatch/source priority vpcExtId

\$orderby (optional)

Query Parameter – <p>A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:</p> name priority

Return type

[inline response 200 16](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : [ "", "" ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

List of routing policies queried. [inline response 200 16](#)

4XX

Client error response [inline response 4XX 17](#)

5XX

Server error response [inline response 4XX 17](#)

PUT /networking/v4.0.b1/config/routing-policies/{extId}

[Up](#)

Update the Routing Policy corresponding to the extId. (**putRoutingPolicy**)

Update the Routing Policy corresponding to the extId. Requires Prism Central >= pc.2022.9.

Path parameters**extId (required)***Path Parameter* — ExtId of the Routing Policy.**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/json

Request bodybody [networking_v4_r0_b1_config.RoutingPolicy](#) (required)*Body Parameter* — Schema to configure a routing policy.**Request headers****Return type**[inline response 202](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**Task Id corresponding to the update routing policy request. [inline response 202](#)**4XX**Client error response [inline response 4XX 1](#)**5XX**Server error response [inline response 4XX 1](#)

RoutingPolicyStats

POST /networking/v4.0.b1/stats/routing-policies/\$actions/clear

Clear the value in packet and byte counters of all Routing Policies in the chosen VPC or particular routing policy. (**clearRoutingPolicyCounters**)

Clear the value in packet and byte counters of all Routing Policies in the chosen VPC or a particular routing policy in the chosen VPC. Requires Prism Central >= pc.2022.9.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [networking.v4.r0.b1.stats.RoutingPolicyClearCountersSpec](#)
(required)

Body Parameter — VPC UUID to reset all routing policy counters to zero.

Return type

[inline response 202 1](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Task Id corresponding to the clear routing policy counter request. [inline response 202 1](#)

4XX

Client error response [inline response 4XX 35](#)

5XX

Server error response [inline response 4XX 35](#)

Subnet

POST /networking/v4.0.b1/config/subnets

Create a subnet. ([createSubnet](#))

Create a subnet. Requires Prism Central >= pc.2022.9.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [networking.v4.r0.b1.config.Subnet](#) (required)

Body Parameter — Request schema to create the subnet.

Request headers

Return type

[inline response 202](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Task Id corresponding to the create subnet request. [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

DELETE /networking/v4.0.b1/config/subnets/{extId}

Delete the specified subnet. (**deleteSubnet**)

Delete the specified subnet. Requires Prism Central >= pc.2022.9.

Path parameters

extId (required)

Path Parameter — The UUID of the subnet.

Request headers

Return type

[inline response 202](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Task Id corresponding to delete subnet request. [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

GET /networking/v4.0.b1/config/subnets/{extId}

Get the subnet with the specified UUID. (**getSubnet**)

Get a subnet with the specified UUID. Requires Prism Central >= pc.2022.9.

Path parameters**extId (required)***Path Parameter* – The UUID of the subnet.**Return type**[inline response 200 19](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**The subnet object returned by the get request. [inline response 200 19](#)**4XX**Client error response [inline response 4XX 20](#)**5XX**Server error response [inline response 4XX 20](#)

GET /networking/v4.0.b1/config/subnets

[Up](#)Get the list of existing subnets. (**listSubnets**)

Get the list of existing subnets. Requires Prism Central >= pc.2022.9. With filtering, the following rules apply: VLAN (subnet_type==[no_val] OR subnet_type==VLAN) AND (is_external==[no_val] OR is_external==false) OVERLAY (subnet_type==OVERLAY) AND (is_external==[no_val] OR is_external==false) External is_external==true

Query parameters**\$page (optional)**

Query Parameter – A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter – A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter — <p>A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:</p> clusterReference isExternal name subnetType vpcReference

\$orderby (optional)

Query Parameter — <p>A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:</p> name

\$expand (optional)

Query Parameter — <p>A URL query parameter that allows clients to request related resources when a resource that satisfies a particular request is retrieved. Each expand item is evaluated relative to the entity containing the property being expanded. Other query options can be applied to an expanded property by appending a semicolon-separated list of query options, enclosed in parentheses, to the property name. Allowed system query options are \$filter, \$select, \$orderby. The following expansion keys are supported.</p> virtualSwitch vpc

\$select (optional)

Query Parameter — <p>A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.</p> bridgeName clusterName clusterReference description dhcpOptions dynamicIpAddresses extId hypervisorType ipConfig ipPrefix ipUsage isAdvancedNetworking isExternal isNatEnabled links metadata migrationState name networkFunctionChainReference networkId reservedIpAddresses subnetType tenantId virtualSwitch virtualSwitchReference vpc vpcReference

Return type

[inline response 200 18](#)

Example data

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults" : 0,
    "flags": [ {
      "name": "name",
      "value": false
    }, {
      "name": "name",
      "value": false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    }, {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    } ],
    "links": [ {
      "rel": "rel",
      "href": "href"
    }, {
      "rel": "rel",
      "href": "href"
    } ],
    "extraInfo": [ {
      "name": "name",
      "value": ""
    }, {
      "name": "name",
      "value": ""
    } ]
  },
  "data": [ "", "" ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Paginated list of subnets. [inline response 200 18](#)

4XX

Client error response [inline response 4XX 19](#)

5XX

Server error response [inline response 4XX 19](#)

PUT /networking/v4.0.b1/config/subnets/{extId}

[Up](#)

Update the specified subnet. ([updateSubnet](#))

Update the specified subnet. Requires Prism Central >= pc.2022.9.

Path parameters

extId (required)

Path Parameter — The UUID of the subnet.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [networking.v4.r0.b1.config.Subnet](#) (required)

Body Parameter — Request schema to update the specified subnet.

Request headers

Return type

[inline response 202](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

```
}  
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Task Id corresponding to update subnet. [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

SubnetReserveUnreservelp

POST /networking/v4.0.b1/config/subnets/{extId}/addresses/\$actions/reserve [Up](#)

Reserve IP addresses on a subnet. (reservelps)

Reserve IP addresses on a subnet. Requires Prism Central >= pc.2022.9.

Path parameters

extId (required)

Path Parameter — The UUID of the subnet.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [networking.v4.r0.b1.config.IpReserveSpec](#) (required)

Body Parameter — Request schema to reserve IP addresses on a subnet.

Request headers

Return type

[inline response 202](#)

Example data

Content-Type: application/json

```
{  
  "metadata" : {  
    "totalAvailableResults" : 0,  
    "flags" : [ {  
      "name" : "name",  
      "value" : false  
    }, {  
      "name" : "name",  
      "value" : false  
    } ],  
    "messages" : [ {  
      "severity" : "$UNKNOWN",  
      "code" : "code",  
      "message" : "message",  
      "locale" : "en_US"  
    }, {  
      "severity" : "$UNKNOWN",  
      "code" : "code",  
      "message" : "message",  
      "locale" : "en_US"  
    } ],  
    "links" : [ {  
      "rel" : "rel",  
      "href" : "href"  
    }, {  
      "rel" : "rel",  
      "href" : "href"  
    } ],  
    "extraInfo" : [ {  
      "name" : "name",  
      "value" : ""  
    }, {  

```

```

    "name" : "name",
    "value" : ""
  } ]
},
"data" : {
  "extId" : "extId"
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Task Id corresponding to the subnet reserve IP operation. [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

POST /networking/v4.0.b1/config/subnets/{extId}/addresses/\$actions/unreserve Up

Unreserve IP addresses on a subnet. (**unreservelps**)

Unreserve IP addresses on a subnet. Requires Prism Central >= pc.2022.9.

Path parameters

extId (required)

Path Parameter — The UUID of the subnet.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [networking.v4.r0.b1.config.IpUnreserveSpec](#) (required)

Body Parameter — Request schema to unreserve IP addresses on a subnet.

Request headers

Return type

[inline response 202](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {

```

```

    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
}, {
  "data" : {
    "extId" : "extId"
  }
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**Task Id corresponding to the subnet unreserve IP operation. [inline response 202](#)**4XX**Client error response [inline response 4XX 1](#)**5XX**Server error response [inline response 4XX 1](#)

TrafficMirror

POST /networking/v4.0.b1/config/traffic-mirrors

[Up](#)Create Traffic mirror session. (**createTrafficMirror**)

Create Traffic mirror session. Requires Prism Central >= pc.2023.3.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request bodybody [networking.v4.r0.b1.config.TrafficMirror](#) (required)*Body Parameter* — Create Traffic mirror session request body.**Request headers****Return type**[inline response 202](#)**Example data**

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
  }
}

```

```

    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  }, {
    "data" : {
      "extId" : "extId"
    }
  }
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Create Traffic mirror session response. [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

DELETE /networking/v4.0.b1/config/traffic-mirrors/{extId}

[Up](#)

Delete Traffic mirror session. (`deleteTrafficMirror`)

Delete Traffic mirror session request body.

Path parameters

`extId` (required)

Path Parameter — UUID of the session.

Request headers

Return type

[inline response 202](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  }
}

```

```

    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Delete Traffic mirror session response. [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

GET /networking/v4.0.b1/config/traffic-mirrors/{extId}

[Up](#)

Get Traffic mirror session. ([getTrafficMirror](#))

Get Traffic mirror session. Requires Prism Central >= pc.2023.3.

Path parameters

extId (required)

Path Parameter — UUID of the session.

Return type

[inline response 200 21](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**Get a Traffic mirror session for the provided UUID. [inline_response 200 21](#)**4XX**Client error response [inline_response 4XX 22](#)**5XX**Server error response [inline_response 4XX 22](#)

GET /networking/v4.0.b1/config/traffic-mirrors

[Up](#)List Traffic mirror sessions. (**listTrafficMirrors**)

List Traffic mirror sessions. Requires Prism Central >= pc.2023.3.

Query parameters**\$page (optional)**

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

- isEnabled
- name

\$orderby (optional)

Query Parameter —

A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- name

Return type[inline_response 200 20](#)**Example data**

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults": 0,
    "flags": [ {
      "name": "name",
      "value": false
    }, {
      "name": "name",
      "value": false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    }, {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    } ],
    "links": [ {
      "rel": "rel",
      "href": "href"
    }, {
      "rel": "rel",
      "href": "href"
    } ],
    "extraInfo": [ {
      "name": "name",
      "value": ""
    }, {
      "name": "name",
      "value": ""
    } ]
  }
}
```

```

    } ]
  },
  "data" : [ "", "" ]
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

List of all the Traffic mirror sessions. [inline response 200 20](#)

4XX

Client error response [inline response 4XX 21](#)

5XX

Server error response [inline response 4XX 21](#)

PUT /networking/v4.0.b1/config/traffic-mirrors/{extId}

[Up](#)

Update a Traffic mirror session for the provided UUID. ([updateTrafficMirror](#))

Update Traffic mirror session. Requires Prism Central >= pc.2023.3.

Path parameters

extId (required)

Path Parameter — UUID of the session.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [networking.v4.r0.b1.config.TrafficMirror](#) (required)

Body Parameter — Update Traffic mirror session request body.

Request headers**Return type**

[inline response 202](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",

```

```

    "value" : ""
  } ]
},
"data" : {
  "extId" : "extId"
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Update Traffic mirror session response. [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

TrafficMirrorStats

GET /networking/v4.0.b1/stats/traffic-mirrors/{extId}

[Up](#)

Get Traffic mirror session statistics. ([getTrafficMirrorStats](#))

Get Traffic mirror session statistics. Requires Prism Central >= pc.2023.3.

Path parameters

extId (required)

Path Parameter — UUID of the session.

Query parameters

\$startTime (optional)

Query Parameter — The start time of the period for which stats should be reported. The value should be in extended ISO-8601 format. For example, start time of 2022-04-23T01:23:45.678+09:00 would consider all stats starting at 1:23:45.678 on the 23rd of April 2022. Details around ISO-8601 format can be found at <https://www.iso.org/standard/70907.html>

\$endTime (optional)

Query Parameter — The end time of the period for which stats should be reported. The value should be in extended ISO-8601 format. For example, end time of 2022-04-23T01:23:45.678+09:00 would consider all stats till 13:23:45.678 on the 23rd of April 2022. Details around ISO-8601 format can be found at <https://www.iso.org/standard/70907.html>

\$samplingInterval (optional)

Query Parameter — The sampling interval in seconds at which statistical data should be collected For example, do you want performance statistics every 30 seconds? Every 60 seconds?

\$statType (optional)

Query Parameter —

\$select (optional)

Query Parameter — <p>A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.</p> entityUuid extId links name statType state stateMessage statsData tenantId

Return type

[inline response 200 34](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",

```

```
    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
}, {
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200
Get Traffic mirror session statistics response. [inline response 200 34](#)
4XX
Client error response [inline response 4XX 36](#)
5XX
Server error response [inline response 4XX 36](#)

UplinkBond

GET /networking/v4.0.b1/config/uplink-bonds/{extId}

[Up](#)

Get uplink bond (**getUplinkBond**)
Get the uplink bond for the given extId. Requires Prism Central >= pc.2023.3.

Path parameters

extId (required)
Path Parameter – UUID of the bond

Return type
[inline response 200 23](#)

Example data
Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
```

```

    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Get uplink bond response [inline response 200 23](#)

4XX

Client error response [inline response 4XX 24](#)

5XX

Server error response [inline response 4XX 24](#)

GET /networking/v4.0.b1/config/uplink-bonds

[Up](#)

List uplink bonds (**listUplinkBonds**)

List uplink bonds. Requires Prism Central >= pc.2023.3.

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter — <p>A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:</p> hostReference

\$orderby (optional)

Query Parameter — <p>A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:</p> name

Return type

[inline response 200 22](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",

```

```

    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : [ "", "" ]
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

List of all uplink bonds [inline response 200 22](#)

4XX

Client error response [inline response 4XX 23](#)

5XX

Server error response [inline response 4XX 23](#)

VirtualSwitch

POST /networking/v4.0.b1/config/virtual-switches

[Up](#)**Create a Virtual Switch (createVirtualSwitch)**

Create a Virtual Switch. Requires Prism Central >= pc.2022.9.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [networking.v4.r0.b1.config.VirtualSwitch](#) (required)

Body Parameter — Schema to configure a virtual switch

Request headers**Return type**

[inline response 202](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",

```

```

    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
}, {
  "data" : {
    "extId" : "extId"
  }
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Task Id corresponding to the Create Virtual Switch operation [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

DELETE /networking/v4.0.b1/config/virtual-switches/{extId}

[Up](#)

Delete a Virtual Switch (**deleteVirtualSwitch**)

Delete a Virtual Switch. Requires Prism Central >= pc.2022.9.

Path parameters

extId (required)

Path Parameter – UUID of Virtual Switch

Request headers

Return type

[inline response 202](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",

```

```

    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : {
  "extId" : "extId"
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**

Task Id corresponding to the Delete Virtual Switches operation [inline_response_202](#)

4XX

Client error response [inline_response_4XX_1](#)

5XX

Server error response [inline_response_4XX_1](#)

GET /networking/v4.0.b1/config/virtual-switches/{extId}

[Up](#)

Get single Virtual Switch given its UUID ([getVirtualSwitch](#))

Get single Virtual Switch given its UUID. Requires Prism Central >= pc.2022.9.

Path parameters

extId (required)

Path Parameter – UUID of Virtual Switch

Request headers**Return type**

[inline_response_200_25](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {

```



```

    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**Virtual Switch queried [inline response 200 25](#)**4XX**Client error response [inline response 4XX 26](#)**5XX**Server error response [inline response 4XX 26](#)

GET /networking/v4.0.b1/config/virtual-switches

[Up](#)Get list of Virtual Switches (**listVirtualSwitches**)

Get list of Virtual Switches. Requires Prism Central >= pc.2022.9.

Request headers**Return type**[inline response 200 24](#)**Example data**

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : [ "", "", "", "", "", "", "", "", "", "" ]
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

List of virtual switches queries [inline_response_200_24](#)

4XX

Client error response [inline_response_4XX_25](#)

5XX

Server error response [inline_response_4XX_25](#)

PUT /networking/v4.0.b1/config/virtual-switches/{extId}

[Up](#)Update a Virtual Switch (**updateVirtualSwitch**)

Update a Virtual Switch. Requires Prism Central >= pc.2022.9.

Path parameters**extId (required)***Path Parameter* — UUID of Virtual Switch**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/json

Request bodybody [networking.v4.r0.b1.config.VirtualSwitch](#) (required)*Body Parameter* — Schema to configure a virtual switch**Request headers****Return type**[inline_response_202](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
```

```
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202
Task Id corresponding to the Update Virtual Switches operation [inline response 202](#)
4XX
Client error response [inline response 4XX 1](#)
5XX
Server error response [inline response 4XX 1](#)

VirtualSwitchNodeInfo

GET /networking/v4.0.b1/config/node-schedulable-status

[Up](#)

Check whether a node in a cluster is a storage-only node or not ([getNodeSchedulableStatus](#))
Check to see whether a node in a cluster is a storage-only node or not

Request headers

Return type
[inline response 200 26](#)

Example data
Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : [ {
    "isNeverSchedulable" : true,
    "extId" : "extId"
  }, {
    "isNeverSchedulable" : true,
    "extId" : "extId"
  } ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Array of node UUIDs and boolean pairs, indicating whether the nodes are storage-only. Requires Prism Central >= pc.2022.9. [inline response 200 26](#)

4XX

Client error response [inline response 4XX 27](#)

5XX

Server error response [inline response 4XX 27](#)

Vpc

POST /networking/v4.0.b1/config/vpcs

[Up](#)

Create a VPC. ([createVpc](#))

Create a VPC. Requires Prism Central >= pc.2022.9.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [networking.v4.r0.b1.config.Vpc](#) (required)

Body Parameter — Request schema to create the VPC.

Request headers

Return type

[inline response 202](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**

Task Id corresponding to create VPC operation. [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

DELETE /networking/v4.0.b1/config/vpcs/{extId}

[Up](#)

Delete the specified VPC. (**deleteVpc**)

Delete the specified VPC. Requires Prism Central >= pc.2022.9.

Path parameters

extId (required)

Path Parameter — The UUID of the VPC.

Request headers**Return type**

[inline response 202](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202
Task Id corresponding to delete VPC operation. [inline_response_202](#)
4XX
Client error response [inline_response_4XX_1](#)
5XX
Server error response [inline_response_4XX_1](#)

GET /networking/v4.0.b1/config/vpcs/{extId}

Up

Get the VPC with the specified UUID. (**getVpc**)

Get the VPC for the specified UUID. Requires Prism Central >= pc.2022.9.

Path parameters

extId (required)
Path Parameter — The UUID of the VPC.

Return type

[inline_response_200_28](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200
The VPC object returned by the Get operation. [inline_response_200_28](#)
4XX
Client error response [inline_response_4XX_29](#)
5XX
Server error response [inline_response_4XX_29](#)

GET /networking/v4.0.b1/config/vpcs

Up

Get the list of existing VPCs. (**listVpcs**)

Get the list of existing VPCs. Requires Prism Central >= pc.2022.9.

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

- name

\$orderby (optional)

Query Parameter —

A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- name

\$select (optional)

Query Parameter —

A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.

- commonDhcpOptions
- description
- extId
- externalRoutingDomainReference
- externalSubnets
- externallyRoutablePrefixes
- links
- metadata
- name
- snatIps
- tenantId

Return type

[inline response 200 27](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : [ "", "" ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**Paginated list of VPCs. [inline response 200 27](#)**4XX**Client error response [inline response 4XX 28](#)**5XX**Server error response [inline response 4XX 28](#)

PUT /networking/v4.0.b1/config/vpcs/{extId}

[Up](#)

Update the specified VPC. ([updateVpc](#))

Update the specified VPC. Requires Prism Central >= pc.2022.9.

Path parameters**extId (required)***Path Parameter* — The UUID of the VPC.**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body**body [networking.v4.r0.b1.config.Vpc](#) (required)***Body Parameter* — Request schema to update the specified VPC.**Request headers****Return type**[inline response 202](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
```



```

    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**Task Id corresponding to update VPC operation. [inline response 202](#)**4XX**Client error response [inline response 4XX 1](#)**5XX**Server error response [inline response 4XX 1](#)

VpcNsStats

GET /networking/v4.0.b1/stats/vpc/{vpcExtId}/external-subnets/{extId}

[Up](#)Get VPC North-South statistics. ([getVpcNsStats](#))

Get VPC North-South statistics. Requires Prism Central >= pc.2022.9.

Path parameters**vpcExtId (required)***Path Parameter* — The UUID of the VPC.**extId (required)***Path Parameter* — Subnet ExtID**Query parameters****\$startTime (optional)**

Query Parameter — The start time of the period for which stats should be reported. The value should be in extended ISO-8601 format. For example, start time of 2022-04-23T01:23:45.678+09:00 would consider all stats starting at 1:23:45.678 on the 23rd of April 2022. Details around ISO-8601 format can be found at <https://www.iso.org/standard/70907.html>

\$endTime (optional)

Query Parameter — The end time of the period for which stats should be reported. The value should be in extended ISO-8601 format. For example, end time of 2022-04-23T01:23:45.678+09:00 would consider all stats till 13:23:45.678 on the 23rd of April 2022. Details around ISO-8601 format can be found at <https://www.iso.org/standard/70907.html>

\$samplingInterval (optional)

Query Parameter — The sampling interval in seconds at which statistical data should be collected For example, do you want performance statistics every 30 seconds? Every 60 seconds?

\$statType (optional)*Query Parameter* —**\$page (optional)**

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$select (optional)

Query Parameter — <p>A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.</p> entityUuid extId links northSouthEgressBytesAbs northSouthEgressBytesPerSec northSouthEgressPacketsAbs northSouthEgressPacketsPerSec northSouthIngressBytesAbs northSouthIngressBytesPerSec northSouthIngressPacketsAbs northSouthIngressPacketsPerSec statType tenantId

Return type[inline response 200 35](#)**Example data**

Content-Type: application/json

```

{
  "metadata" : {
```

```

    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Get VPC North-South statistics response [inline response 200 35](#)

4XX

Client error response [inline response 4XX 37](#)

5XX

Server error response [inline response 4XX 37](#)

VpcVirtualSwitchMappings

GET /networking/v4.0.b1/config/vpc-virtual-switch-mappings

[Up](#)

Get the VPC for virtual switch mappings config. ([getVpcVirtualSwitchMappings](#))

Get the VPC for virtual switch mappings config. Requires Prism Central >= pc.2023.1.

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter — <p>A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:</p> clusterUuid

Return type

[inline response 200 29](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : [ "", "" ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**Response of the VPC for virtual switch mappings config Get operation. [inline response 200 29](#)**4XX**Client error response [inline response 4XX 30](#)**5XX**Server error response [inline response 4XX 30](#)

POST /networking/v4.0.b1/config/vpc-virtual-switch-mappings

[Up](#)

Set VPC for virtual switch mappings traffic config. Requires Prism Central >= pc.2023.1. ([setVpcVirtualSwitchMappings](#))

Set VPC for virtual switch mappings traffic config. Requires Prism Central >= pc.2023.1.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [networking.v4.r0.b1.config.VpcVirtualSwitchMapping](#) (required)

Body Parameter — Request body for setting VPC for virtual switch mappings traffic config.

Request headers**Return type**[inline response 202](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Task Id corresponding to the Set VPC for virtual switch mappings config operation. [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

VpnConnection

POST /networking/v4.0.b1/config/vpn-connections

[Up](#)

Create a VPN connection (**createVpnConnection**)

Create VPN connection. Requires Prism Central >= pc.2022.9.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [networking.v4.r0.b1.config.VpnConnection](#) (required)

Body Parameter — Create VPN connection request body

Request headers**Return type**

[inline response 202](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Create VPN connection response [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

DELETE /networking/v4.0.b1/config/vpn-connections/{extId}

[Up](#)Delete VPN connection (**deleteVpnConnection**)

Delete VPN connection request body

Path parameters**extId (required)***Path Parameter* — VPN connection UUID**Request headers****Return type**[inline response 202](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    } ]
  }
}
```

```

    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Delete VPN connection response [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

GET /networking/v4.0.b1/config/vpn-connections/{vpnConnectionExtId}/vpn-vendor-[Up](#)

Get third-party VPN appliance configuration. (**getVpnApplianceConfig**)

Get third-party VPN appliance configuration. Requires Prism Central >= pc.2022.9.

Path parameters

vpnConnectionExtId (required)

Path Parameter — VPN connection UUID.

extId (required)

Path Parameter — Third-party VPN appliance UUID

Return type

String

Example data

Content-Type: application/json

```
"# VyOS 1.1.8, Thu Jul  8 23:28:22 2021\n\n# This configuration consists of IPSec VPN and BGP configuration which needs
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain
- application/json

Responses

200

VPN appliance configuration. [String](#)

4XX

Client error response [networking.v4.r0.b1.error.ErrorResponse](#)

5XX

Server error response [networking.v4.r0.b1.error.ErrorResponse](#)[Up](#)

GET /networking/v4.0.b1/config/vpn-connections/{extId}

Get VPN connection (**getVpnConnection**)

Get VPN connection for a specified ExtId.

Path parameters

extId (required)

Path Parameter — VPN connection UUID

Return type

[inline response 200 31](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

VPN connection [inline response 200 31](#)

4XX

Client error response [inline response 4XX 32](#)

5XX

Server error response [inline response 4XX 32](#)[Up](#)

GET /networking/v4.0.b1/config/vpn-connections/{extId}/vpn-vendor-configs

List of third-party VPN appliances for which configurations are available to download. (**listVpnAppliances**)

List third-party VPN appliances for which configurations are available to download. Requires Prism Central >= pc.2022.9.

Path parameters

extId (required)

Path Parameter — VPN connection UUID.

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

Return type

[inline response 200 32](#)

Example data

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults" : 0,
    "flags": [ {
      "name": "name",
      "value" : false
    }, {
      "name": "name",
      "value" : false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    }, {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    } ],
    "links": [ {
      "rel": "rel",
      "href": "href"
    }, {
      "rel": "rel",
      "href": "href"
    } ],
    "extraInfo": [ {
      "name": "name",
      "value": ""
    }, {
      "name": "name",
      "value": ""
    } ]
  },
  "data": [ "", "" ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

List of third-party VPN appliances for which configurations are available to download. [inline response 200 32](#)

4XX

Client error response [inline response 4XX 33](#)

5XX

Server error response [inline response 4XX 33](#)

GET /networking/v4.0.b1/config/vpn-connections

[Up](#)

List the VPN connections ([listVpnConnections](#))

List the VPN connections. Requires Prism Central >= pc.2022.9.

Query parameters**\$page (optional)**

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

- dynamicRoutePriority
- localGatewayReference
- name
- remoteGatewayReference

\$orderby (optional)

Query Parameter —

A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- dynamicRoutePriority
- name

Return type

[inline response 200 30](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : [ "", "" ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

List of all VPN connections [inline response 200 30](#)

4XX

Client error response [inline response 4XX 31](#)

5XX

Server error response [inline response 4XX 31](#)

PUT /networking/v4.0.b1/config/vpn-connections/{extId}

[Up](#)

Update VPN connection (**updateVpnConnection**)

Update VPN connection. Requires Prism Central >= pc.2022.9.

Path parameters

extId (required)

Path Parameter — VPN connection UUID

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [networking.v4.r0.b1.config.VpnConnection](#) (required)

Body Parameter — Update VPN connection request body

Request headers

Return type

[inline response 202](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Update VPN connection response [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

VpnConnectionStats

GET /networking/v4.0.b1/stats/vpn-connections/{extId}

[Up](#)Get VPN connection statistics ([getVpnConnectionStats](#))

Get VPN connection statistics. Requires Prism Central >= pc.2022.9.

Path parameters

extId (required)*Path Parameter* — VPN connection UUID

Query parameters

\$startTime (optional)*Query Parameter* — The start time of the period for which stats should be reported. The value should be in extended ISO-8601 format. For example, start time of 2022-04-23T01:23:45.678+09:00 would consider all stats starting at 1:23:45.678 on the 23rd of April 2022. Details around ISO-8601 format can be found at <https://www.iso.org/standard/70907.html>**\$endTime (optional)***Query Parameter* — The end time of the period for which stats should be reported. The value should be in extended ISO-8601 format. For example, end time of 2022-04-23T01:23:45.678+09:00 would consider all stats till 13:23:45.678 on the 23rd of April 2022. Details around ISO-8601 format can be found at <https://www.iso.org/standard/70907.html>**\$samplingInterval (optional)***Query Parameter* — The sampling interval in seconds at which statistical data should be collected For example, do you want performance statistics every 30 seconds? Every 60 seconds?**\$statType (optional)***Query Parameter* —**\$page (optional)***Query Parameter* — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32**\$limit (optional)***Query Parameter* — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32**\$select (optional)***Query Parameter* — <p>A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.</p> entityUuid extId links statType tenantId throughputRxKbps throughputTxKbps

Return type

[inline response 200 36](#)

Example data

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults" : 0,
    "flags": [ {
      "name": "name",
      "value" : false
    }, {
      "name": "name",
      "value" : false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    } ]
  }
}
```

```

    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Get VPN connection statistics response [inline response 200 36](#)

4XX

Client error response [inline response 4XX 38](#)

5XX

Server error response [inline response 4XX 38](#)

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- 47. [inline response 200 4](#)
- 48. [inline response 200 5](#)
- 49. [inline response 200 6](#)
- 50. [inline response 200 7](#)
- 51. [inline response 200 8](#)
- 52. [inline response 200 9](#)
- 53. [inline response 202](#)
- 54. [inline response 202 1](#)
- 55. [inline response 4XX](#)
- 56. [inline response 4XX 1](#)
- 57. [inline response 4XX 10](#)
- 58. [inline response 4XX 11](#)
- 59. [inline response 4XX 12](#)
- 60. [inline response 4XX 13](#)
- 61. [inline response 4XX 14](#)
- 62. [inline response 4XX 15](#)
- 63. [inline response 4XX 16](#)
- 64. [inline response 4XX 17](#)
- 65. [inline response 4XX 18](#)
- 66. [inline response 4XX 19](#)
- 67. [inline response 4XX 2](#)
- 68. [inline response 4XX 20](#)
- 69. [inline response 4XX 21](#)
- 70. [inline response 4XX 22](#)
- 71. [inline response 4XX 23](#)
- 72. [inline response 4XX 24](#)
- 73. [inline response 4XX 25](#)
- 74. [inline response 4XX 26](#)
- 75. [inline response 4XX 27](#)
- 76. [inline response 4XX 28](#)
- 77. [inline response 4XX 29](#)
- 78. [inline response 4XX 3](#)
- 79. [inline response 4XX 30](#)
- 80. [inline response 4XX 31](#)
- 81. [inline response 4XX 32](#)
- 82. [inline response 4XX 33](#)
- 83. [inline response 4XX 34](#)
- 84. [inline response 4XX 35](#)
- 85. [inline response 4XX 36](#)
- 86. [inline response 4XX 37](#)
- 87. [inline response 4XX 38](#)
- 88. [inline response 4XX 4](#)
- 89. [inline response 4XX 5](#)
- 90. [inline response 4XX 6](#)
- 91. [inline response 4XX 7](#)
- 92. [inline response 4XX 8](#)
- 93. [inline response 4XX 9](#)
- 94. [networking.v4.r0.b1.config.Address](#)
- 95. [networking.v4.r0.b1.config.AddressType](#)
- 96. [networking.v4.r0.b1.config.AddressTypeObject](#)
- 97. [networking.v4.r0.b1.config.Anc](#)
- 98. [networking.v4.r0.b1.config.AncConfigApiResponse](#)
- 99. [networking.v4.r0.b1.config.AssignedAddress](#)
- 100. [networking.v4.r0.b1.config.AuthenticationAlgorithm](#)
- 101. [networking.v4.r0.b1.config.AuthenticationType](#)
- 102. [networking.v4.r0.b1.config.AuthorizationData](#)
- 103. [networking.v4.r0.b1.config.AzureConfig](#)
- 104. [networking.v4.r0.b1.config.AzureExternalSubnetBinding](#)
- 105. [networking.v4.r0.b1.config.AzureExternalSubnetConfig](#)
- 106. [networking.v4.r0.b1.config.BgpConfig - BGP configuration](#)
- 107. [networking.v4.r0.b1.config.BgpInfo](#)
- 108. [networking.v4.r0.b1.config.BgpSession - BGP session.](#)
- 109. [networking.v4.r0.b1.config.BgpSessionApiResponse](#)
- 110. [networking.v4.r0.b1.config.BgpSessionListApiResponse](#)
- 111. [networking.v4.r0.b1.config.BondModeType - Bond mode - NIC teaming policy](#)
- 112. [networking.v4.r0.b1.config.Bridge - Configuration of bridge to migrate to a Virtual Switch](#)
- 113. [networking.v4.r0.b1.config.Capability](#)
- 114. [networking.v4.r0.b1.config.CloudNetwork - Cloud Network.](#)
- 115. [networking.v4.r0.b1.config.CloudNetworkApiResponse](#)
- 116. [networking.v4.r0.b1.config.CloudNetworkListApiResponse](#)
- 117. [networking.v4.r0.b1.config.CloudSubstrate - Network controller cloud substrate](#)
- 118. [networking.v4.r0.b1.config.Cluster - Cluster configuration](#)
- 119. [networking.v4.r0.b1.config.ClusterCapability](#)

120. [networking.v4.r0.b1.config.ClusterCapabilityApiResponse](#)
121. [networking.v4.r0.b1.config.ClusterFlowStatus](#)
122. [networking.v4.r0.b1.config.ClusterFlowStatusApiResponse](#)
123. [networking.v4.r0.b1.config.ClusterStatus](#)
124. [networking.v4.r0.b1.config.ControllerStatus - Network controller status](#)
125. [networking.v4.r0.b1.config.DefaultVlanStack - Default VLAN Stack](#)
126. [networking.v4.r0.b1.config.DhcpOptions](#)
127. [networking.v4.r0.b1.config.DpdConfig - DPD configuration](#)
128. [networking.v4.r0.b1.config.DpdOperation](#)
129. [networking.v4.r0.b1.config.EncryptionAlgorithm](#)
130. [networking.v4.r0.b1.config.ExportScope - IPFIX Exporter Scope.](#)
131. [networking.v4.r0.b1.config.ExporterProtocol - IPFIX Exporter Protocol.](#)
132. [networking.v4.r0.b1.config.ExternalSubnet](#)
133. [networking.v4.r0.b1.config.FloatingIPAddress](#)
134. [networking.v4.r0.b1.config.FloatingIPv4Address](#)
135. [networking.v4.r0.b1.config.FloatingIPv6Address](#)
136. [networking.v4.r0.b1.config.FloatingIp](#)
137. [networking.v4.r0.b1.config.FloatingIpApiResponse](#)
138. [networking.v4.r0.b1.config.FloatingIpListApiResponse](#)
139. [networking.v4.r0.b1.config.FlowGateway](#)
140. [networking.v4.r0.b1.config.FlowGatewayApiResponse](#)
141. [networking.v4.r0.b1.config.FlowGatewayKeepAlive - Response model for Flow Gateway Keepalive.](#)
142. [networking.v4.r0.b1.config.FlowGatewayKeepAliveApiResponse](#)
143. [networking.v4.r0.b1.config.FlowGatewayKeepAliveRequestSpec - Request model for Flow Gateway Keepalive.](#)
144. [networking.v4.r0.b1.config.FlowGatewayListApiResponse](#)
145. [networking.v4.r0.b1.config.FlowGatewayState](#)
146. [networking.v4.r0.b1.config.FlowGatewayStatus](#)
147. [networking.v4.r0.b1.config.Gateway - Network gateway](#)
148. [networking.v4.r0.b1.config.GatewayApiResponse](#)
149. [networking.v4.r0.b1.config.GatewayDeployment - Network gateway deployment configuration](#)
150. [networking.v4.r0.b1.config.GatewayListApiResponse](#)
151. [networking.v4.r0.b1.config.GatewayManagementInterface - Network management interface of the gateway.](#)
152. [networking.v4.r0.b1.config.GatewayNic](#)
153. [networking.v4.r0.b1.config.GatewayNodeReference](#)
154. [networking.v4.r0.b1.config.GatewayRole - Local gateway role](#)
155. [networking.v4.r0.b1.config.Host - Host configuration](#)
156. [networking.v4.r0.b1.config.ICMPObject](#)
157. [networking.v4.r0.b1.config.IPConfig](#)
158. [networking.v4.r0.b1.config.IPFIXExporter](#)
159. [networking.v4.r0.b1.config.IPFIXExporterApiResponse](#)
160. [networking.v4.r0.b1.config.IPFIXExporterListApiResponse](#)
161. [networking.v4.r0.b1.config.IPPoolUsage](#)
162. [networking.v4.r0.b1.config.IPSubnet](#)
163. [networking.v4.r0.b1.config.IPUUsage](#)
164. [networking.v4.r0.b1.config.IPV4Config](#)
165. [networking.v4.r0.b1.config.IPV4Pool](#)
166. [networking.v4.r0.b1.config.IPV4Subnet](#)
167. [networking.v4.r0.b1.config.IPV6Config](#)
168. [networking.v4.r0.b1.config.IPV6Pool](#)
169. [networking.v4.r0.b1.config.IPV6Subnet](#)
170. [networking.v4.r0.b1.config.IbgpConfig - Internal BGP configuration](#)
171. [networking.v4.r0.b1.config.InternalRoutingConfig](#)
172. [networking.v4.r0.b1.config.IpReserveSpec](#)
173. [networking.v4.r0.b1.config.IpUnreserveSpec](#)
174. [networking.v4.r0.b1.config.IpsecConfig - IPsec Configuration](#)
175. [networking.v4.r0.b1.config.Layer2Stretch](#)
176. [networking.v4.r0.b1.config.Layer2StretchApiResponse](#)
177. [networking.v4.r0.b1.config.Layer2StretchListApiResponse](#)
178. [networking.v4.r0.b1.config.Layer2StretchRelatedEntities - Layer2 stretch-related entities.](#)
179. [networking.v4.r0.b1.config.Layer2StretchRelatedEntitiesApiResponse](#)
180. [networking.v4.r0.b1.config.Layer2StretchSubnetInfo - Subnet information.](#)
181. [networking.v4.r0.b1.config.Layer2StretchVpnConnectionInfo - VPN connection information.](#)
182. [networking.v4.r0.b1.config.Layer2StretchVtepGatewayInfo - VTEP gateway information.](#)
183. [networking.v4.r0.b1.config.LayerFourProtocolObject](#)
184. [networking.v4.r0.b1.config.LearnedAddress](#)
185. [networking.v4.r0.b1.config.LocalBgpGateway](#)
186. [networking.v4.r0.b1.config.LocalBgpService - BGP service](#)
187. [networking.v4.r0.b1.config.LocalNetworkServices - Local gateway services](#)
188. [networking.v4.r0.b1.config.LocalVpnService - VPN service](#)
189. [networking.v4.r0.b1.config.LocalVtepService - VTEP service](#)
190. [networking.v4.r0.b1.config.MigrationState](#)
191. [networking.v4.r0.b1.config.NetworkCloudConfig](#)
192. [networking.v4.r0.b1.config.NetworkCloudConfigApiResponse](#)
193. [networking.v4.r0.b1.config.NetworkCloudConfigListApiResponse](#)
194. [networking.v4.r0.b1.config.NetworkController](#)
195. [networking.v4.r0.b1.config.NetworkControllerApiResponse](#)
196. [networking.v4.r0.b1.config.NetworkControllerListApiResponse](#)
197. [networking.v4.r0.b1.config.NetworkingBaseModel](#)
198. [networking.v4.r0.b1.config.NextHopType - Next hop type.](#)
199. [networking.v4.r0.b1.config.NodeSchedulableStatus - Check to see whether a node in a cluster is a storage-only node or not](#)
200. [networking.v4.r0.b1.config.NodeSchedulableStatusApiResponse](#)

201. [networking.v4.r0.b1.config.OspfConfig](#)
202. [networking.v4.r0.b1.config.PortRange](#)
203. [networking.v4.r0.b1.config.PrivateIpAssociation](#)
204. [networking.v4.r0.b1.config.ProtocolNumberObject](#)
205. [networking.v4.r0.b1.config.ProtocolType](#)
206. [networking.v4.r0.b1.config.PublicIpMapping](#)
207. [networking.v4.r0.b1.config.QosConfig - Quality of Service configuration for the site-to-site VPN tunnel](#)
208. [networking.v4.r0.b1.config.RemoteBgpGateway](#)
209. [networking.v4.r0.b1.config.RemoteBgpService - BGP service](#)
210. [networking.v4.r0.b1.config.RemoteNetworkServices - Remote gateway services](#)
211. [networking.v4.r0.b1.config.RemoteVpnService - VPN service](#)
212. [networking.v4.r0.b1.config.RemoteVtepService - VTEP service](#)
213. [networking.v4.r0.b1.config.RemoteVtepStretchStatus - Status of VTEPs.](#)
214. [networking.v4.r0.b1.config.RerouteFallbackAction](#)
215. [networking.v4.r0.b1.config.RerouteParam](#)
216. [networking.v4.r0.b1.config.ReserveType](#)
217. [networking.v4.r0.b1.config.ReservedAddress](#)
218. [networking.v4.r0.b1.config.Route - Route.](#)
219. [networking.v4.r0.b1.config.RouteTable - Route table](#)
220. [networking.v4.r0.b1.config.RouteTableApiResponse](#)
221. [networking.v4.r0.b1.config.RouteTableListApiResponse](#)
222. [networking.v4.r0.b1.config.RoutingPolicy](#)
223. [networking.v4.r0.b1.config.RoutingPolicyAction](#)
224. [networking.v4.r0.b1.config.RoutingPolicyActionType](#)
225. [networking.v4.r0.b1.config.RoutingPolicyApiResponse](#)
226. [networking.v4.r0.b1.config.RoutingPolicyListApiResponse](#)
227. [networking.v4.r0.b1.config.RoutingPolicyMatchCondition](#)
228. [networking.v4.r0.b1.config.RoutingPolicyRule](#)
229. [networking.v4.r0.b1.config.ScopeType - DoctRef\(ScopeTypeTitle\)](#)
230. [networking.v4.r0.b1.config.SiteParams](#)
231. [networking.v4.r0.b1.config.State](#)
232. [networking.v4.r0.b1.config.Status](#)
233. [networking.v4.r0.b1.config.StretchConnectionType](#)
234. [networking.v4.r0.b1.config.StretchStatus - Layer2 stretch status.](#)
235. [networking.v4.r0.b1.config.Subnet](#)
236. [networking.v4.r0.b1.config.SubnetApiResponse](#)
237. [networking.v4.r0.b1.config.SubnetInfo](#)
238. [networking.v4.r0.b1.config.SubnetListApiResponse](#)
239. [networking.v4.r0.b1.config.SubnetType](#)
240. [networking.v4.r0.b1.config.TaskReferenceApiResponse](#)
241. [networking.v4.r0.b1.config.TrafficMirror - Port mirroring session.](#)
242. [networking.v4.r0.b1.config.TrafficMirrorApiResponse](#)
243. [networking.v4.r0.b1.config.TrafficMirrorListApiResponse](#)
244. [networking.v4.r0.b1.config.TrafficMirrorPort - Traffic mirror session port configuration.](#)
245. [networking.v4.r0.b1.config.TrafficMirrorPortNicType - Traffic mirror session port NIC type.](#)
246. [networking.v4.r0.b1.config.TrafficMirrorSourcePort - Traffic mirror session source port configuration.](#)
247. [networking.v4.r0.b1.config.TrafficMirrorSourcePortDirection - Traffic mirror session source port direction.](#)
248. [networking.v4.r0.b1.config.UnreserveType](#)
249. [networking.v4.r0.b1.config.UplinkBond - Group of host-NICs](#)
250. [networking.v4.r0.b1.config.UplinkBondApiResponse](#)
251. [networking.v4.r0.b1.config.UplinkBondLacpStatus - Bond LACP status](#)
252. [networking.v4.r0.b1.config.UplinkBondListApiResponse](#)
253. [networking.v4.r0.b1.config.UplinkBondType - Uplink bond type](#)
254. [networking.v4.r0.b1.config.UplinkBondVirtualSwitchInfo - Bond virtual Switch info](#)
255. [networking.v4.r0.b1.config.VirtualSwitch - Virtual Switch configuration](#)
256. [networking.v4.r0.b1.config.VirtualSwitchApiResponse](#)
257. [networking.v4.r0.b1.config.VirtualSwitchListApiResponse](#)
258. [networking.v4.r0.b1.config.VlanSubnetMigrationSpec](#)
259. [networking.v4.r0.b1.config.Vm](#)
260. [networking.v4.r0.b1.config.VmNic](#)
261. [networking.v4.r0.b1.config.VmNicAssociation](#)
262. [networking.v4.r0.b1.config.VnicMigrationItem](#)
263. [networking.v4.r0.b1.config.VnicMigrationSpec](#)
264. [networking.v4.r0.b1.config.Vpc](#)
265. [networking.v4.r0.b1.config.VpcApiResponse](#)
266. [networking.v4.r0.b1.config.VpcDhcpOptions](#)
267. [networking.v4.r0.b1.config.VpcListApiResponse](#)
268. [networking.v4.r0.b1.config.VpcVirtualSwitchMapping](#)
269. [networking.v4.r0.b1.config.VpcVirtualSwitchMappingsApiResponse](#)
270. [networking.v4.r0.b1.config.VpnAppliance - VPN appliance.](#)
271. [networking.v4.r0.b1.config.VpnConnection - VPN connection](#)
272. [networking.v4.r0.b1.config.VpnConnectionApiResponse](#)
273. [networking.v4.r0.b1.config.VpnConnectionListApiResponse](#)
274. [networking.v4.r0.b1.config.VpnVendorListApiResponse](#)
275. [networking.v4.r0.b1.config.Vtep - VXLAN Tunnel Endpoint](#)
276. [networking.v4.r0.b1.error.AppMessage](#)
277. [networking.v4.r0.b1.error.ErrorResponse](#)
278. [networking.v4.r0.b1.error.MessageSeverity](#)
279. [networking.v4.r0.b1.error.SchemaValidationError](#)
280. [networking.v4.r0.b1.error.SchemaValidationErrorMessage](#)
281. [networking.v4.r0.b1.stats.Layer2StretchStats - Layer2 stretch statistics model](#)

- 282. [networking.v4.r0.b1.stats.Layer2StretchStatsApiResponse](#)
- 283. [networking.v4.r0.b1.stats.RoutingPolicyClearCountersSpec](#)
- 284. [networking.v4.r0.b1.stats.StatsQueryResponseBase - Stats query response.](#)
- 285. [networking.v4.r0.b1.stats.TaskReferenceApiResponse](#)
- 286. [networking.v4.r0.b1.stats.TrafficMirrorState - Traffic mirror state title.](#)
- 287. [networking.v4.r0.b1.stats.TrafficMirrorStats - Traffic mirror stats title.](#)
- 288. [networking.v4.r0.b1.stats.TrafficMirrorStatsApiResponse](#)
- 289. [networking.v4.r0.b1.stats.TrafficMirrorStatsData - Traffic mirror stats data values Title.](#)
- 290. [networking.v4.r0.b1.stats.VpcNsStats - VPC North-South statistics model](#)
- 291. [networking.v4.r0.b1.stats.VpcNsStatsApiResponse](#)
- 292. [networking.v4.r0.b1.stats.VpnConnectionStats - VPN connection statistics model](#)
- 293. [networking.v4.r0.b1.stats.VpnConnectionStatsApiResponse](#)
- 294. [prism.v4.r0.a2.config.TaskReference](#)

common.v1.r0.a3.config.EntityReference[Up](#)

extId (optional)

[String](#)

name (optional)

[String](#)

uris (optional)

[array\[String\]](#)

entityType (optional)

[common.v1.r0.a3.config.EntityType](#)**common.v1.r0.a3.config.EntityType**[Up](#)**common.v1.r0.a3.config.Flag**[Up](#)

Many entities in the Nutanix APIs carry flags. This object captures all the flags associated with that entity through this object. The field that hosts this type of object must have an attribute called x-bounded-map-keys that tells which flags are actually present for that entity.

name (optional)

[String](#)

value (optional)

[Boolean](#)**common.v1.r0.a3.config.IPAddress**[Up](#)

An unique address that identifies a device on the internet or a local network in IPv4 or IPv6 format.

ipv4 (optional)

[common.v1.r0.a3.config.Ipv4Address](#)

ipv6 (optional)

[common.v1.r0.a3.config.Ipv6Address](#)**common.v1.r0.a3.config.Ipv4Address**[Up](#)

value (optional)

[String](#)

prefixLength (optional)

[Integer](#) The prefix length of the network to which this host IPv4 address belongs. format: int32**common.v1.r0.a3.config.Ipv6Address**[Up](#)

value (optional)

[String](#)

prefixLength (optional)

[Integer](#) The prefix length of the network to which this host IPv6 address belongs. format: int32**common.v1.r0.a3.config.KVPair**[Up](#)

A map describing a set of keys and their corresponding values.

name (optional)

[String](#) The key of this key-value pair

value (optional)

The value associated with the key for this key-value pair

*oneOf:***common.v1.r0.a3.config.Message**[Up](#)

code (optional)
[String](#) A code that uniquely identifies a message.

message (optional)
[String](#) The description of the message.

locale (optional)
[String](#) The locale for the message description.

severity (optional)
[common.v1.r0.a3.config.MessageSeverity](#)

common.v1.r0.a3.config.MessageSeverity

[Up](#)

The message severity.

common.v1.r0.a3.config.Metadata

[Up](#)

Metadata associated with this resource.

ownerReferenceId (optional)
[String](#) A globally unique identifier that represents the owner of this resource.

ownerUserName (optional)
[String](#) The userName of the owner of this resource.

projectReferenceId (optional)
[String](#) A globally unique identifier that represents the project this resource belongs to.

projectName (optional)
[String](#) The name of the project this resource belongs to.

categoryIds (optional)
[array\[String\]](#) A list of globally unique identifiers that represent all the categories the resource is associated with.

common.v1.r0.a3.config.TenantAwareModel

[Up](#)

A model base class whose instances are bound to a specific tenant. This model adds a tenantId to the base model class that it extends and is automatically set by the server.

tenantId (optional)
[String](#) A globally unique identifier that represents the tenant that owns this entity. It is automatically assigned by the system and is immutable from an API consumer perspective (some use cases may cause this Id to change - for instance a use case may require the transfer of ownership of the entity, but these cases are handled automatically on the server).

common.v1.r0.a3.response.ApiLink

[Up](#)

A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

href (optional)
[String](#) The URL at which the entity described by the link can be accessed.

rel (optional)
[String](#) A name that identifies the relationship of the link to the object that is returned by the URL. The unique value of "self" identifies the URL for the object.

common.v1.r0.a3.response.ApiResponseMetadata

[Up](#)

The metadata associated with an API response. This value is always present and minimally contains the self-link for the API request that produced this response. It also contains pagination data for the paginated requests.

flags (optional)
[array\[common.v1.r0.a3.config.Flag\]](#) An array of flags that may indicate the status of the response. For example a flag with name isPaginated and value false indicates that the response is not paginated.

links (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) An array of HATEOAS style links for the response that may also include pagination links for list operations.

totalAvailableResults (optional)
[Integer](#) The total number of entities that are available on the server for this type. format: int32

messages (optional)
[array\[common.v1.r0.a3.config.Message\]](#) Information, Warning or Error messages that might provide additional contextual information related to the operation.

extraInfo (optional)
[array\[common.v1.r0.a3.config.KVPair\]](#) An array of entity-specific metadata

common.v1.r0.a3.response.ExternalizableAbstractModel

[Up](#)

A model that represents an object instance that is accessible through an API endpoint. Instances of this type get an extId field that contains the globally unique identifier for that instance. Externally accessible instances are always tenant aware and therefore extend the TenantAwareModel

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

tenantId (optional)

[String](#) A globally unique identifier that represents the tenant that owns this entity. It is automatically assigned by the system and is immutable from an API consumer perspective (some use cases may cause this Id to change - for instance a use case may require the transfer of ownership of the entity, but these cases are handled automatically on the server).

common.v1.r0.a3.stats.DownSamplingOperator

[Up](#)

The operator to use while performing down-sampling on stats data. Allowed values are SUM, MIN, MAX, AVG, COUNT and LAST.

inline_response_200

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/bgp-sessions Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[array\[networking.v4.r0.b1.config.BgpSession\]](#)

inline_response_200_1

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/bgp-sessions/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[networking.v4.r0.b1.config.BgpSession](#)

inline_response_200_10

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/controllers Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[array\[networking.v4.r0.b1.config.NetworkController\]](#)

inline_response_200_11

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/controllers/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[networking.v4.r0.b1.config.NetworkController](#)

inline_response_200_12

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/gateways Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[array\[networking.v4.r0.b1.config.Gateway\]](#)

inline_response_200_13

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/gateways/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[networking.v4.r0.b1.config.Gateway](#)

inline_response_200_14

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/route-tables Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[array\[networking.v4.r0.b1.config.RouteTable\]](#)

inline_response_200_15[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/route-tables/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.config.RouteTable](#)

inline_response_200_16[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/routing-policies Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[array\[networking.v4.r0.b1.config.RoutingPolicy\]](#)

inline_response_200_17[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/routing-policies/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.config.RoutingPolicy](#)

inline_response_200_18[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/subnets Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[array\[networking.v4.r0.b1.config.Subnet\]](#)

inline_response_200_19[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/subnets/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.config.Subnet](#)

inline_response_200_2[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/capabilities Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[array\[networking.v4.r0.b1.config.ClusterCapability\]](#)

inline_response_200_20[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/traffic-mirrors Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[array\[networking.v4.r0.b1.config.TrafficMirror\]](#)

inline_response_200_21[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/traffic-mirrors/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.config.TrafficMirror](#)

inline_response_200_22[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/uplink-bonds Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[array\[networking.v4.r0.b1.config.UplinkBond\]](#)

inline_response_200_23

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/uplink-bonds/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
[networking.v4.r0.b1.config.UplinkBond](#)

inline_response_200_24

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/virtual-switches Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
[array\[networking.v4.r0.b1.config.VirtualSwitch\]](#)

inline_response_200_25

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/virtual-switches/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
[networking.v4.r0.b1.config.VirtualSwitch](#)

inline_response_200_26

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/node-schedulable-status Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
[array\[networking.v4.r0.b1.config.NodeSchedulableStatus\]](#)

inline_response_200_27

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/vpcs Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
[array\[networking.v4.r0.b1.config.Vpc\]](#)

inline_response_200_28

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/vpcs/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
[networking.v4.r0.b1.config.Vpc](#)

inline_response_200_29

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/vpc-virtual-switch-mappings Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
[array\[networking.v4.r0.b1.config.VpcVirtualSwitchMapping\]](#)

inline_response_200_3

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/floating-ips Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
[array\[networking.v4.r0.b1.config.FloatingIp\]](#)

inline_response_200_30

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/vpn-connections Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[array\[networking.v4.r0.b1.config.VpnConnection\]](#)

inline_response_200_31

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/vpn-connections/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.config.VpnConnection](#)

inline_response_200_32

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/vpn-connections/{extId}/vpn-vendor-configs Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[array\[networking.v4.r0.b1.config.VpnAppliance\]](#)

inline_response_200_33

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/stats/layer2-stretches/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.stats.Layer2StretchStats](#)

inline_response_200_34

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/stats/traffic-mirrors/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.stats.TrafficMirrorStats](#)

inline_response_200_35

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/stats/vpc/{vpcExtId}/external-subnets/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.stats.VpcNsStats](#)

inline_response_200_36

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/stats/vpn-connections/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.stats.VpnConnectionStats](#)

inline_response_200_4

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/floating-ips/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.config.FloatingIp](#)

inline_response_200_5

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/ipfix-exporters Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)

[array\[networking.v4.r0.b1.config.IPFIXExporter\]](#)

inline_response_200_6

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/ipfix-exporters/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.config.IPFIXExporter](#)

inline_response_200_7

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/layer2-stretches Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[array\[networking.v4.r0.b1.config.Layer2Stretch\]](#)

inline_response_200_8

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/layer2-stretches/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.config.Layer2Stretch](#)

inline_response_200_9

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/clusters/{extId}/layer2-stretches/related-entities Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.config.Layer2StretchRelatedEntities](#)

inline_response_202

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/vpn-connections/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_1

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/stats/routing-policies/\$actions/clear Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_4XX

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/bgp-sessions Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_1

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/vpn-connections/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_10

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/clusters/{extId}/layer2-stretches/related-entities Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_11

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/controllers Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_12

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/controllers/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_13

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/gateways Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_14

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/gateways/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_15

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/route-tables Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_16

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/route-tables/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_17

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/routing-policies Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_18

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/routing-policies/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_19[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/subnets Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_2[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/bgp-sessions/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_20[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/subnets/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_21[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/traffic-mirrors Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_22[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/traffic-mirrors/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_23[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/uplink-bonds Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_24[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/uplink-bonds/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_25[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/virtual-switches Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_26[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/virtual-switches/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_27

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/node-schedulable-status Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_28

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/vpcs Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_29

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/vpcs/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_3

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/capabilities Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_30

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/vpc-virtual-switch-mappings Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_31

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/vpn-connections Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_32

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/vpn-connections/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_33

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/vpn-connections/{extId}/vpn-vendor-configs Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_34

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/stats/layer2-stretches/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_35

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/stats/routing-policies/\$actions/clear Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_36

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/stats/traffic-mirrors/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_37

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/stats/vpc/{vpcExtId}/external-subnets/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_38

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/stats/vpn-connections/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_4

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/floating-ips Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_5

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/floating-ips/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_6

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/ipfix-exporters Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_7

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/ipfix-exporters/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)

[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_8

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/layer2-stretches Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

inline_response_4XX_9

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/layer2-stretches/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
[networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.Address

[Up](#)

Information pertaining to an assigned or reserved IP address on a subnet.

ipAddress (optional)
[common.v1.r0.a3.config.IPAddress](#)
 isAssigned (optional)
[Boolean](#)
 isReserved (optional)
[Boolean](#)
 isLearned (optional)
[Boolean](#)
 assignedDetails (optional)
[networking.v4.r0.b1.config.AssignedAddress](#)
 reservedDetails (optional)
[networking.v4.r0.b1.config.ReservedAddress](#)

networking.v4.r0.b1.config.AddressType

[Up](#)

Address Type like "EXTERNAL" or "ANY";.

networking.v4.r0.b1.config.AddressTypeObject

[Up](#)

Address Type like "EXTERNAL" or "ANY";.

addressType
[networking.v4.r0.b1.config.AddressType](#)
 subnetPrefix (optional)
[networking.v4.r0.b1.config.IPSubnet](#)

networking.v4.r0.b1.config.Anc

[Up](#)

configVersion (optional)
[Long](#) Configuration version for the current ANC. It is the logical timestamp for the current V4 release and will be updated by the actual configuration version in future releases. format: int64
 isAtlasNetworkingEnabled (optional)
[Boolean](#) True if atlas networking is enabled and false otherwise.
 ancUrl (optional)
[String](#) URL of Atlas Network Controller (ANC).
 ovnRemoteAddress (optional)
[String](#) OVN remote address of the Atlas Network Controller (ANC).
 ancDomainNameServerList (optional)
[array\[common.v1.r0.a3.config.IPAddress\]](#) Resolve name server for the ANC services.
 excludedClusters (optional)
[array\[String\]](#) UUIDs of the clusters excluded from advanced networking.
 metadata (optional)
[common.v1.r0.a3.config.Metadata](#)

networking.v4.r0.b1.config.AncConfigApiResponse

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/anc Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [networking.v4.r0.b1.config.Anc](#)
[networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.AssignedAddress

[Up](#)

Information pertaining to an assigned IP address on a subnet.

vmReference (optional)

[common.v1.r0.a3.config.EntityReference](#)

macAddress (optional)

[String](#)

networking.v4.r0.b1.config.AuthenticationAlgorithm

[Up](#)

Authentication algorithm.

networking.v4.r0.b1.config.AuthenticationType

[Up](#)

Authentication type.

networking.v4.r0.b1.config.AuthorizationData

[Up](#)

Authorization data.

clientId (optional)

[String](#) Client Id.

tenantId (optional)

[String](#) Tenant Id.

token

[String](#) Authorization token.

expiryTimeSeconds (optional)

[Long](#) Expiry time of the authorization token. format: int64

subscriptionId

[String](#) Subscription ID.

networking.v4.r0.b1.config.AzureConfig

[Up](#)

Azure configuration.

externalSubnetConfigList

[array\[networking.v4.r0.b1.config.AzureExternalSubnetConfig\]](#) The external subnet configuration list for the Azure cloud.

externalRoutingDomainUuidList (optional)

[array\[String\]](#) External routing domain UUID list.

bgpInfo (optional)

[networking.v4.r0.b1.config.BgpInfo](#)

isScaleOut (optional)

[Boolean](#) True if flow gateway scale out is supported.

authorizationData (optional)

[networking.v4.r0.b1.config.AuthorizationData](#)

networking.v4.r0.b1.config.AzureExternalSubnetBinding

[Up](#)

Binding of Atlas Flow Gateway external subnet with Azure external subnet.

routerPortMac

[String](#) MAC address of the router port of Atlas Flow Gateway.

azureExternalNetworkPrefix

[networking.v4.r0.b1.config.IPSubnet](#)

peerToPeerNetworkPrefix (optional)

[networking.v4.r0.b1.config.IPSubnet](#)

eniPrimaryIp (optional)

[common.v1.r0.a3.config.IPAddress](#)

enild (optional)

[String](#) External network interface Id.

resourceGroupId (optional)

[String](#) Resource group Id.

networking.v4.r0.b1.config.AzureExternalSubnetConfig

[Up](#)

The external subnet configuration for the Azure cloud.

ipConfig

[networking.v4.r0.b1.config.IPConfig](#)

gatewayMacAddress (optional)

[String](#) Gateway MAC address of the external subnet.

publicIpMappingList (optional)

[array\[networking.v4.r0.b1.config.PublicIpMapping\]](#) List of mappings of private IP (SNAT or floating IP) to public IP.**networking.v4.r0.b1.config.BgpConfig - BGP configuration**[Up](#)

BGP configuration

asn (optional)

[Long](#) Autonomous system number. 0 and 4294967295 are reserved. format: int64
example: 45035

password (optional)

[String](#) BPG password

shouldRedistributeRoutes (optional)

[Boolean](#) Redistribute routes over eBGP. Applicable only to network gateways deployed on VLAN subnets with eBGP over VPN.**networking.v4.r0.b1.config.BgpInfo**[Up](#)

BGP info needed for flow gateway scale out model.

localBgpGatewayList (optional)

[array\[networking.v4.r0.b1.config.LocalBgpGateway\]](#)

remoteBgpGatewayList (optional)

[array\[networking.v4.r0.b1.config.RemoteBgpGateway\]](#)**networking.v4.r0.b1.config.BgpSession - BGP session.**[Up](#)

BGP session.

name

[String](#) BGP session name.

description (optional)

[String](#) BGP session description.

localGatewayReference

[String](#) The local BGP gateway reference.

remoteGatewayReference

[String](#) The remote BGP gateway reference.

dynamicRoutePriority (optional)

[Integer](#) The priority assigned to routes received over this BGP session. format: int16

password (optional)

[String](#) BGP password

status (optional)

[networking.v4.r0.b1.config.Status](#)

advertisedRoutes (optional)

[array\[networking.v4.r0.b1.config.Route\]](#) Advertised routes.

receivedRoutes (optional)

[array\[networking.v4.r0.b1.config.Route\]](#) Received routes.

ignoredRoutes (optional)

[array\[networking.v4.r0.b1.config.Route\]](#) Received routes that are ignored either because the next hop is not L2-adjacent to the VPC or the upper limit of the received routes per session has exceeded.

localGateway (optional)

[networking.v4.r0.b1.config.Gateway](#)

remoteGateway (optional)

[networking.v4.r0.b1.config.Gateway](#)

metadata (optional)

[common.v1.r0.a3.config.Metadata](#)**networking.v4.r0.b1.config.BgpSessionApiResponse**[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/bgp-sessions/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [networking.v4.r0.b1.config.BgpSession](#)
[networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.BgpSessionListApiResponse[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/bgp-sessions Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.BondModeType - Bond mode - NIC teaming policy[Up](#)

The types of bond modes

networking.v4.r0.b1.config.Bridge - Configuration of bridge to migrate to a Virtual Switch[Up](#)

Schema of bridge to migrate to a Virtual Switch

name
[String](#) Virtual Switch name to migrate to
 description (optional)
[String](#) Input body to migrate to a Virtual Switch
 existingBridgeName
[String](#) Name of bridge to convert from
 extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.
 links (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

networking.v4.r0.b1.config.Capability[Up](#)

Capability dictionary entry with capability name and boolean value indicating support

capabilityName
[String](#) Name of the capability e.g. "SUPPORTS_PC_SPAN"
 isSupported
[Boolean](#) Boolean - true if the capability is supported, false otherwise

networking.v4.r0.b1.config.CloudNetwork - Cloud Network.[Up](#)

API Schema for Cloud Network.

description (optional)
[String](#) Cloud Network annotation.
 externalRoutingDomainReference (optional)
[String](#) External routing domain associated with this route table
 metadata (optional)
[common.v1.r0.a3.config.Metadata](#)

networking.v4.r0.b1.config.CloudNetworkApiResponse[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/cloud-networks/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [networking.v4.r0.b1.config.CloudNetwork](#)
[networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.CloudNetworkListApiResponse[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/cloud-networks Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.CloudSubstrate - Network controller cloud substrate[Up](#)

Cloud substrate of the network controller, for e.g. Azure.

networking.v4.r0.b1.config.Cluster - Cluster configuration[Up](#)

Input body to configure cluster

extId

[String](#) Reference ExtId for the cluster. This is a required parameter on Prism Element ; and is optional on Prism Central

hosts

[array\[networking.v4.r0.b1.config.Host\]](#) Host configuration array

gatewayIpAddress (optional)

[common.v1.r0.a3.config.IPv4Address](#)

networking.v4.r0.b1.config.ClusterCapability

[Up](#)

clusterId

[String](#) Cluster UUID whose capabilities are retrieved.

capabilities

[array\[networking.v4.r0.b1.config.Capability\]](#) A dictionary with a key as a capability name and a value as a boolean, true if supported by the cluster, false if not. For example, dictionary will look like { "SUPPORTS_PC_SPAN"; true, "SUPPORTS_VGPU_CONSOLE"; true }

metadata (optional)

[common.v1.r0.a3.config.Metadata](#)

networking.v4.r0.b1.config.ClusterCapabilityApiResponse

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/capabilities Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.ClusterFlowStatus

[Up](#)

Get the Flow Networking usage of each registered Prism Element cluster.

clusterStatusList (optional)

[array\[networking.v4.r0.b1.config.ClusterStatus\]](#) Flow Networking usage status for every cluster.

networking.v4.r0.b1.config.ClusterFlowStatusApiResponse

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/cluster-flow-status Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [networking.v4.r0.b1.config.ClusterFlowStatus](#)

[networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.ClusterStatus

[Up](#)

Flow Networking usage status for a Prism Element cluster.

clusterReference (optional)

[String](#) UUID of respective cluster.

hasFlowStatus (optional)

[Boolean](#) Indicates the flow status on the cluster. It is set to True if the cluster has at least one vNIC that is part of an Atlas subnet

networking.v4.r0.b1.config.ControllerStatus - Network controller status

[Up](#)

Current status of the network controller.

networking.v4.r0.b1.config.DefaultVlanStack - Default VLAN Stack

[Up](#)

Default VLAN stack(Legacy or Advanced) to instantiate VLAN-backed subnets on if advanced networking is enabled

networking.v4.r0.b1.config.DhcpOptions

[Up](#)

List of DHCP options to be configured.

domainNameServers (optional)

[array\[common.v1.r0.a3.config.IPAddress\]](#) List of Domain Name Server addresses (option 6).

domainName (optional)

[String](#) The DNS domain name of the client (option 15).

searchDomains (optional)

[array\[String\]](#) The DNS domain search list (option 119).

tftpServerName (optional)

[String](#) TFTP server name (option 66).

bootFileName (optional)

[String](#) Boot file name (option 67).

ntpServers (optional)

[array\[common.v1.r0.a3.config.IPAddress\]](#) List of NTP server addresses (option 42).

networking.v4.r0.b1.config.DpdConfig - DPD configuration

[Up](#)

Dead peer detection configuration for the VPN connection

operation (optional)

[networking.v4.r0.b1.config.DpdOperation](#)

intervalSecs (optional)

[Long](#) The amount of time the peer waits for traffic before sending a DPD request format: int64

timeoutSecs (optional)

[Long](#) The maximum amount of time to wait for a DPD response before marking the peer as dead format: int64

networking.v4.r0.b1.config.DpdOperation

[Up](#)

Operation to be performed on detecting a dead peer. The default is HOLD.

networking.v4.r0.b1.config.EncryptionAlgorithm

[Up](#)

Encryption algorithm.

networking.v4.r0.b1.config.ExportScope - IPFIX Exporter Scope.

[Up](#)

Contains the UUID and scope type information for a particular export scope.

uuid (optional)

[String](#)

scopeType (optional)

[networking.v4.r0.b1.config.ScopeType](#)

networking.v4.r0.b1.config.ExporterProtocol - IPFIX Exporter Protocol.

[Up](#)

IPFIX exporter protocol:the permissible values are TCP or UDP.

networking.v4.r0.b1.config.ExternalSubnet

[Up](#)

Information about the external subnet, SNAT IPs and the gateway nodes.

subnetReference

[String](#) External subnet reference.

externalIps (optional)

[array\[common.v1.r0.a3.config.IPAddress\]](#) List of IP Addresses used for SNAT, if NAT is enabled on the external subnet. If NAT is not enabled, this specifies the IP address of the VPC port connected to the external gateway.

gatewayNodes (optional)

[array\[String\]](#) List of gateway nodes that can be used for external connectivity.

activeGatewayNode (optional)

[networking.v4.r0.b1.config.GatewayNodeReference](#)

networking.v4.r0.b1.config.FloatingIPAddress

[Up](#)

Floating IP address.

ipv4 (optional)

[networking.v4.r0.b1.config.FloatingIPv4Address](#)

ipv6 (optional)

[networking.v4.r0.b1.config.FloatingIPv6Address](#)

networking.v4.r0.b1.config.FloatingIPv4Address

[Up](#)

value (optional)

[String](#)

prefixLength (optional)

[Integer](#) Prefix length of the network to which this host IPv4 address belongs. format: int32

networking.v4.r0.b1.config.FloatingIPv6Address

[Up](#)

value (optional)

[String](#)

prefixLength (optional)

[Integer](#) Prefix length of the network to which this host IPv6 address belongs. format: int32**networking.v4.r0.b1.config.FloatingIp**[Up](#)

Configure a floating IP.

name (optional)

[String](#) Name of the floating IP.

description (optional)

[String](#) Description for the Floating IP.

association (optional)

Association of the Floating IP with either NIC or Private IP

floatingIp (optional)

[networking.v4.r0.b1.config.FloatingIpAddress](#)

externalSubnetReference (optional)

[String](#) External subnet reference for the Floating IP to be allocated in on-prem only.

externalSubnet (optional)

[networking.v4.r0.b1.config.Subnet](#)

privateIp (optional)

[String](#) Private IP value in string

floatingIpValue (optional)

[String](#) Floating IP value in string

AssociationStatus (optional)

[String](#) Association status of floating IP.

vpcReference (optional)

[String](#) VPC reference UUID

vmNicReference (optional)

[String](#) VM NIC reference.

vpc (optional)

[networking.v4.r0.b1.config.Vpc](#)

vmNic (optional)

[networking.v4.r0.b1.config.VmNic](#)

metadata (optional)

[common.v1.r0.a3.config.Metadata](#)**networking.v4.r0.b1.config.FloatingIpApiResponse**[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/floating-ips/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [networking.v4.r0.b1.config.FloatingIp](#)[networking.v4.r0.b1.error.ErrorResponse](#)**networking.v4.r0.b1.config.FloatingIpListApiResponse**[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/floating-ips Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [networking.v4.r0.b1.error.ErrorResponse](#)**networking.v4.r0.b1.config.FlowGateway**[Up](#)

chassisUuid

[String](#) Chassis UUID of the Atlas Flow Gateway.

azureExternalSubnetBindingList

[array\[networking.v4.r0.b1.config.AzureExternalSubnetBinding\]](#) List of bindings of the Atlas Flow Gateway external subnet with the Azure external subnet.

gatewayStatus (optional)

[networking.v4.r0.b1.config.FlowGatewayStatus](#)

ovnControllerVersion (optional)

[String](#) Version of the OVN controller

metadata (optional)

[common.v1.r0.a3.config.Metadata](#)

networking.v4.r0.b1.config.FlowGatewayApiResponse[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/flow-gateways/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [networking.v4.r0.b1.config.FlowGateway](#)
[networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.FlowGatewayKeepAlive - Response model for Flow Gateway Keepalive.[Up](#)

Response model for Flow Gateway Keepalive.

keepAliveResponse (optional)
[String](#) Indicates whether the keep alive request was successful or not.
 networkControllerVersion (optional)
[String](#) Version of the network controller on the Prism Central.

networking.v4.r0.b1.config.FlowGatewayKeepAliveApiResponse[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/flow-gateways/\$actions/keep-alive Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [networking.v4.r0.b1.config.FlowGatewayKeepAlive](#)
[networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.FlowGatewayKeepAliveRequestSpec - Request model for Flow Gateway Keepalive.[Up](#)

Request model for Flow Gateway Keepalive.

chassisUuid
[String](#) Chassis UUID of the Atlas Flow Gateway.
 gatewayStatus (optional)
[networking.v4.r0.b1.config.FlowGatewayStatus](#)
 ovnControllerVersion (optional)
[String](#) Version of the OVN controller
 eniPrimaryIpList (optional)
[array\[common.v1.r0.a3.config.IPAddress\]](#) List of external network interface's primary IP addresses corresponding to the external subnet bindings in the flow gateway.

networking.v4.r0.b1.config.FlowGatewayListApiResponse[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/flow-gateways Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.FlowGatewayState[Up](#)

State of the Atlas Flow Gateway.

networking.v4.r0.b1.config.FlowGatewayStatus[Up](#)

Status of the Atlas Flow Gateway.

detail (optional)
[String](#) Status detail of the Atlas Flow Gateway.
 state (optional)
[networking.v4.r0.b1.config.FlowGatewayState](#)

networking.v4.r0.b1.config.Gateway - Network gateway[Up](#)

Network gateway

name (optional)
[String](#) Name of the gateway
 description (optional)
[String](#) Description of the gateway
 vpcReference (optional)
[String](#) VPC
 cloudNetworkReference (optional)

[String](#) Cloud network on which network gateway is deployed

installedSoftwareVersion (optional)

[String](#) Software version installed on the gateway appliance

supportedSoftwareVersion (optional)

[String](#) Supported gateway appliance version

vmReference (optional)

[String](#) Reference to a dedicated VM on which a local gateway is deployed

deployment (optional)

[networking.v4.r0.b1.config.GatewayDeployment](#)

gatewayDeviceVendor (optional)

[String](#) Third-party gateway vendor

services (optional)

status (optional)

[networking.v4.r0.b1.config.Status](#)

vpc (optional)

[networking.v4.r0.b1.config.Vpc](#)

vm (optional)

[networking.v4.r0.b1.config.Vm](#)

metadata (optional)

[common.v1.r0.a3.config.Metadata](#)

networking.v4.r0.b1.config.GatewayApiResponse

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/gateways/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [networking.v4.r0.b1.config.Gateway](#)

[networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.GatewayDeployment - Network gateway deployment configuration

[Up](#)

Network gateway deployment configuration

clusterReference (optional)

[String](#) Cluster reference required to identify which on-prem cluster to deploy the gateway VM on

managementInterface (optional)

[networking.v4.r0.b1.config.GatewayManagementInterface](#)

vcenterDatastoreName (optional)

[String](#) vCenter datastore to which the gateway disks and images will be uploaded during deployment

networking.v4.r0.b1.config.GatewayListApiResponse

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/gateways Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.GatewayManagementInterface - Network management interface of the gateway

[Up](#)

Network interface used to deliver network services and for managing the gateway. If a VPC reference is supplied then the gateway will be deployed on a dedicated subnet within the VPC. If a VPC reference is not supplied, then this interface defines the subnet on which the gateway will be deployed, and the address it will be assigned. When a VPC reference is not present, either a subnet reference or a VLAN id must be supplied, along with the address and default gateway of the subnet. A VLAN network without IPAM may be used.

subnetReference (optional)

[String](#) The on-prem vlan subnet to deploy the network gateway VM on

vlanId (optional)

[Integer](#) The on-prem VLAN to deploy the gateway on format: int16

address (optional)

[common.v1.r0.a3.config.IPAddress](#)

defaultGateway (optional)

[common.v1.r0.a3.config.IPAddress](#)

mtu (optional)

[Integer](#) MTU of management interface format: int16

networking.v4.r0.b1.config.GatewayNic

[Up](#)

Information of the VNICs attached to the local BGP gateways.

index (optional)
[Integer](#) Index of the NIC.
 ipAddress (optional)
[common.v1.r0.a3.config.IPAddress](#)
 macAddress (optional)
[String](#) MAC address of the NIC.

networking.v4.r0.b1.config.GatewayNodeReference

[Up](#)

Reference of gateway nodes

nodeId (optional)
[String](#)
 nodeIdIpAddress (optional)
[common.v1.r0.a3.config.IPAddress](#)

networking.v4.r0.b1.config.GatewayRole - Local gateway role

[Up](#)

Local gateway role (acceptor or initiator) in the connection

networking.v4.r0.b1.config.Host - Host configuration

[Up](#)

Input body to configure hosts

extId
[String](#) Reference to the host
 internalBridgeName (optional)
[String](#) Internal bridge name as br0
 hostNics
[array\[String\]](#) Host NIC array
 ipAddress (optional)
[networking.v4.r0.b1.config.IPV4Subnet](#)
 routeTable (optional)
[Integer](#) Internal route table number for the routing rules associated with the IP address on this host
 format: int32

networking.v4.r0.b1.config.ICMPObject

[Up](#)

ICMP parameters to be matched in routing policy.

icmpType (optional)
[Integer](#) format: uint8
 icmpCode (optional)
[Integer](#) format: uint8

networking.v4.r0.b1.config.IPConfig

[Up](#)

IP configuration.

ipv4 (optional)
[networking.v4.r0.b1.config.IPV4Config](#)
 ipv6 (optional)
[networking.v4.r0.b1.config.IPV6Config](#)

networking.v4.r0.b1.config.IPFIXExporter

[Up](#)

name
[String](#) Name of the IPFIX Exporter.
 collectorIp
[String](#) The IP address of the IPFIX collector.
 protocol
[networking.v4.r0.b1.config.ExporterProtocol](#)
 collectorPort
[Long](#) The port number of the IPFIX collector. format: int64
 exportRateLimitPerNode (optional)
[Long](#) The maximum export rate in bits per second(bps) at which the exporter should try to export data.
 format: int64
 exportScopes
[array\[networking.v4.r0.b1.config.ExportScope\]](#) List of IPFIX exporter scopes.
 description (optional)
[String](#) IPFIX exporter description.
 metadata (optional)

[common.v1.r0.a3.config.Metadata](#)

networking.v4.r0.b1.config.IPFIXExporterApiResponse

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/ipfix-exporters/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [networking.v4.r0.b1.config.IPFIXExporter](#)

[networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.IPFIXExporterListApiResponse

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/ipfix-exporters Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.IPPoolUsage

[Up](#)

IP pool Usage.

numFreeIPs (optional)

[Long](#) Number of free IPs. format: int64

numTotalIPs (optional)

[Long](#) Total number of IPs in this pool. format: int64

range (optional)

[networking.v4.r0.b1.config.IPV4Pool](#)

networking.v4.r0.b1.config.IPSubnet

[Up](#)

ipv4 (optional)

[networking.v4.r0.b1.config.IPV4Subnet](#)

ipv6 (optional)

[networking.v4.r0.b1.config.IPV6Subnet](#)

networking.v4.r0.b1.config.IPUUsage

[Up](#)

IP usage statistics.

numMacs (optional)

[Long](#) Number of MAC addresses. format: int64

numFreeIPs (optional)

[Long](#) Number of free IPs. format: int64

numAssignedIPs (optional)

[Long](#) Number of assigned IPs. format: int64

ipPoolUsages (optional)

[array\[networking.v4.r0.b1.config.IPPoolUsage\]](#)

networking.v4.r0.b1.config.IPV4Config

[Up](#)

IP V4 configuration.

ipSubnet

[networking.v4.r0.b1.config.IPV4Subnet](#)

defaultGatewayIp (optional)

[common.v1.r0.a3.config.IPV4Address](#)

dhcpServerAddress (optional)

[common.v1.r0.a3.config.IPV4Address](#)

poolList (optional)

[array\[networking.v4.r0.b1.config.IPV4Pool\]](#) Pool of IP addresses from where IPs are allocated.

networking.v4.r0.b1.config.IPV4Pool

[Up](#)

Start/end IP address range.

startIp

[common.v1.r0.a3.config.IPV4Address](#)

endIp

[common.v1.r0.a3.config.IPV4Address](#)

networking.v4.r0.b1.config.IPv4Subnet[Up](#)

ip
[common.v1.r0.a3.config.IPv4Address](#)
 prefixLength
[Integer](#) format: int32

networking.v4.r0.b1.config.IPv6Config[Up](#)

IP V6 configuration.

ipSubnet
[networking.v4.r0.b1.config.IPv6Subnet](#)
 defaultGatewayIp (optional)
[common.v1.r0.a3.config.IPv6Address](#)
 dhcpServerAddress (optional)
[common.v1.r0.a3.config.IPv6Address](#)
 poolList (optional)
[array\[networking.v4.r0.b1.config.IPv6Pool\]](#) Pool of IP addresses from where IPs are allocated.

networking.v4.r0.b1.config.IPv6Pool[Up](#)

Start/end IP address range.

startIp
[common.v1.r0.a3.config.IPv6Address](#)
 endIp
[common.v1.r0.a3.config.IPv6Address](#)

networking.v4.r0.b1.config.IPv6Subnet[Up](#)

ip
[common.v1.r0.a3.config.IPv6Address](#)
 prefixLength
[Integer](#) format: int32

networking.v4.r0.b1.config.IbgpConfig - Internal BGP configuration[Up](#)

Internal BGP configuration

peerIp (optional)
[common.v1.r0.a3.config.IPAddress](#)
 asn (optional)
[Long](#) Autonomous system number. 0 and 4294967295 are reserved. format: int64
example: 45035
 password (optional)
[String](#) BPG password
 shouldRedistributeRoutes (optional)
[Boolean](#) Redistribute routes over eBGP. Applicable only to network gateways deployed on VLAN subnets with eBGP over VPN.

networking.v4.r0.b1.config.InternalRoutingConfig[Up](#)

Describes the routing protocol configuration spec needed by this gateway to peer and learn routes from internal routers using either iBGP or OSPF.

ospfConfig (optional)
[networking.v4.r0.b1.config.OspfConfig](#)
 ibgpConfigList (optional)
[array\[networking.v4.r0.b1.config.IbgpConfig\]](#) iBGP configuration.
 localPrefixList (optional)
[array\[networking.v4.r0.b1.config.IPSubnet\]](#) List of local prefixes to be advertised over eBGP.

networking.v4.r0.b1.config.IpReserveSpec[Up](#)

Input required to reserve IP addresses on a subnet.

count (optional)
[Long](#) Number of IP addresses reserved. format: int64
 startIpAddress (optional)
[common.v1.r0.a3.config.IPAddress](#)
 ipAddresses (optional)
[array\[common.v1.r0.a3.config.IPAddress\]](#)
 reserveType

[networking.v4.r0.b1.config.ReserveType](#)

clientContext (optional)

[String](#) Optional context a client wishes to associate with a reservation of IP addresses.

networking.v4.r0.b1.config.IpUnreserveSpec

[Up](#)

Input required to unreserve IP addresses on a subnet.

count (optional)

[Long](#) Number of IP addresses unreserved. format: int64

startIpAddress (optional)

[common.v1.r0.a3.config.IPAddress](#)

ipAddresses (optional)

[array\[common.v1.r0.a3.config.IPAddress\]](#)

clientContext (optional)

[String](#) Optional context a client wishes to associate with a reservation of IP addresses.

unreserveType

[networking.v4.r0.b1.config.UnreserveType](#)

networking.v4.r0.b1.config.IpsecConfig - IPsec Configuration

[Up](#)

IPSec configuration

preSharedKey

[String](#) Shared secret for authentication between gateway peers

localVtIp (optional)

[common.v1.r0.a3.config.IPAddress](#)

remoteVtIp (optional)

[common.v1.r0.a3.config.IPAddress](#)

localAuthenticationId (optional)

[String](#) Local IKE authentication Id used for this connection

remoteAuthenticationId (optional)

[String](#) IKE authentication Id of the remote peer

ikeLifetimeSecs (optional)

[Long](#) IKE lifetime (seconds) format: int64

ipsecLifetimeSecs (optional)

[Long](#) IPsec lifetime (seconds) format: int64

espPfsDhGroupNumber (optional)

[Integer](#) Diffie-Hellman group value of 14, 19 or 20 to be used for Perfect Forward Secrecy (PFS) format: int16

ikeEncryptionAlgorithm (optional)

[networking.v4.r0.b1.config.EncryptionAlgorithm](#)

ikeAuthenticationAlgorithm (optional)

[networking.v4.r0.b1.config.AuthenticationAlgorithm](#)

ipsecEncryptionAlgorithm (optional)

[networking.v4.r0.b1.config.EncryptionAlgorithm](#)

ipsecAuthenticationAlgorithm (optional)

[networking.v4.r0.b1.config.AuthenticationAlgorithm](#)

networking.v4.r0.b1.config.Layer2Stretch

[Up](#)

name

[String](#) Layer2 stretch configuration name.

description (optional)

[String](#) Layer2 stretch configuration details between subnets on two sites.

localSiteParams (optional)

[networking.v4.r0.b1.config.SiteParams](#)

remoteSiteParams (optional)

[networking.v4.r0.b1.config.SiteParams](#)

connectionType (optional)

[networking.v4.r0.b1.config.StretchConnectionType](#)

stretchStatus (optional)

[networking.v4.r0.b1.config.StretchStatus](#)

remoteStretchStatus (optional)

[array\[networking.v4.r0.b1.config.RemoteVtepStretchStatus\]](#)

mtu (optional)

[Integer](#) The MTU size setting for the VXLAN session.

vni (optional)

[Integer](#) The VXLAN network identifier used to uniquely identify the VXLAN tunnel.

metadata (optional)
[common.v1.r0.a3.config.Metadata](#)

networking.v4.r0.b1.config.Layer2StretchApiResponse

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/layer2-stretches/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [networking.v4.r0.b1.config.Layer2Stretch](#)
[networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.Layer2StretchListApiResponse

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/layer2-stretches Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.Layer2StretchRelatedEntities - Layer2 stretch-related entities.

[Up](#)

Layer2 stretch-related entities retrieved from the specified Prism Central cluster.

subnets (optional)
[array\[networking.v4.r0.b1.config.Layer2StretchSubnetInfo\]](#)
 vpnConnections (optional)
[array\[networking.v4.r0.b1.config.Layer2StretchVpnConnectionInfo\]](#)
 vtepGateways (optional)
[array\[networking.v4.r0.b1.config.Layer2StretchVtepGatewayInfo\]](#)

networking.v4.r0.b1.config.Layer2StretchRelatedEntitiesApiResponse

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/clusters/{extId}/layer2-stretches/related-entities Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [networking.v4.r0.b1.config.Layer2StretchRelatedEntities](#)
[networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.Layer2StretchSubnetInfo - Subnet information.

[Up](#)

Information about a subnet from the specified Prism Central cluster.

subnetReference (optional)
[common.v1.r0.a3.config.EntityReference](#)
 vlanId (optional)
[Integer](#) VLAN Id (if this subnet is vlan-backed).
 vpcReference (optional)
[common.v1.r0.a3.config.EntityReference](#)
 ipSubnet (optional)
[networking.v4.r0.b1.config.IPSubnet](#)
 defaultGatewayIp (optional)
[common.v1.r0.a3.config.IPAddress](#)
 clusterReference (optional)
[common.v1.r0.a3.config.EntityReference](#)

networking.v4.r0.b1.config.Layer2StretchVpnConnectionInfo - VPN connection information.

[Up](#)

Information about a VPN connection from the specified Prism Central cluster.

connectionReference (optional)
[common.v1.r0.a3.config.EntityReference](#)
 peerConnectionReference (optional)
[common.v1.r0.a3.config.EntityReference](#)
 localVtiIpAddress (optional)
[common.v1.r0.a3.config.IPAddress](#)
 clusterReference (optional)
[common.v1.r0.a3.config.EntityReference](#)
 vpcReference (optional)

[common.v1.r0.a3.config.EntityReference](#)

networking.v4.r0.b1.config.Layer2StretchVtepGatewayInfo - VTEP gateway information.

[Up](#)

Information about a VTEP gateway.

gatewayReference (optional)

[String](#) VTEP gateway Id.

gatewayName (optional)

[String](#) VTEP gateway name.

isLocal (optional)

[Boolean](#) If the value is set to true, VTEP gateway is local. If set to false, VTEP gateway is remote.

vxlanPort (optional)

[Integer](#) VXLAN port format: int32

vteps (optional)

[array\[networking.v4.r0.b1.config.Vtep\]](#)

clusterReference (optional)

[common.v1.r0.a3.config.EntityReference](#)

vpcReference (optional)

[common.v1.r0.a3.config.EntityReference](#)

networking.v4.r0.b1.config.LayerFourProtocolObject

[Up](#)

L4 TCP/UDP protocol parameters to be matched in routing policy.

sourcePortRanges (optional)

[array\[networking.v4.r0.b1.config.PortRange\]](#)

destinationPortRanges (optional)

[array\[networking.v4.r0.b1.config.PortRange\]](#)

networking.v4.r0.b1.config.LearnedAddress

[Up](#)

Information pertaining to a learned IP address on a subnet.

vmReference (optional)

[common.v1.r0.a3.config.EntityReference](#)

macAddress (optional)

[String](#)

lastSeen (optional)

[String](#) Last time when the learned address is observed.

networking.v4.r0.b1.config.LocalBgpGateway

[Up](#)

Local BGP gateway info needed for flow gateway scale out model.

asn (optional)

[Integer](#) ASN number of the BGP gateway.

vnicList (optional)

[array\[networking.v4.r0.b1.config.GatewayNic\]](#)

vnicPrefixLength (optional)

[Integer](#) Prefix length of the VNIC IP addresses of the local BGP gateways.

networking.v4.r0.b1.config.LocalBgpService - BGP service

[Up](#)

BGP service hosted on this local gateway.

vpcReference (optional)

[String](#) Reference to the VPC that this network gateway serves as its BGP speaker.

example: 6eff8946-862d-413b-9b40-c499fd2b4d14

asn

[Long](#) Autonomous system number. 0 and 4294967295 are reserved. format: int64

example: 45035

networking.v4.r0.b1.config.LocalNetworkServices - Local gateway services

[Up](#)

Services of this local gateway

serviceAddress (optional)

[common.v1.r0.a3.config.IPAddress](#)

localVpnService (optional)

[networking.v4.r0.b1.config.LocalVpnService](#)

localVtepService (optional)

[networking.v4.r0.b1.config.LocalVtepService](#)

localBgpService (optional)

[networking.v4.r0.b1.config.LocalBgpService](#)

networking.v4.r0.b1.config.LocalVpnService - VPN service

[Up](#)

VPN service hosted on this local gateway

ebgpConfig (optional)

[networking.v4.r0.b1.config.BgpConfig](#)

peerIgpConfig (optional)

[networking.v4.r0.b1.config.InternalRoutingConfig](#)

networking.v4.r0.b1.config.LocalVtepService - VTEP service

[Up](#)

VTEP service hosted on this local gateway

vxlanPort

[Integer](#) VXLAN port format: int32

networking.v4.r0.b1.config.MigrationState

[Up](#)

Migration state of the subnet. This field is read-only.

networking.v4.r0.b1.config.NetworkCloudConfig

[Up](#)

azureConfig

[networking.v4.r0.b1.config.AzureConfig](#)

metadata (optional)

[common.v1.r0.a3.config.Metadata](#)

networking.v4.r0.b1.config.NetworkCloudConfigApiResponse

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/network-clouds/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [networking.v4.r0.b1.config.NetworkCloudConfig](#)

[networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.NetworkCloudConfigListApiResponse

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/network-clouds Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.NetworkController

[Up](#)

controllerStatus (optional)

[networking.v4.r0.b1.config.ControllerStatus](#)

controllerVersion (optional)

[String](#) Network controller software version.

minimumAHVVersion (optional)

[String](#) Minimum AHV version that this network controller supports.

minimumNOSVersion (optional)

[String](#) Minimum NOS version that this network controller supports.

cloudSubstrate (optional)

[networking.v4.r0.b1.config.CloudSubstrate](#)

defaultVlanStack (optional)

[networking.v4.r0.b1.config.DefaultVlanStack](#)

metadata (optional)

[common.v1.r0.a3.config.Metadata](#)

networking.v4.r0.b1.config.NetworkControllerApiResponse

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/controllers/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [networking.v4.r0.b1.config.NetworkController](#)
[networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.NetworkControllerListApiResponse

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/controllers Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.NetworkingBaseModel

[Up](#)

Networking common base object

metadata (optional)
[common.v1.r0.a3.config.Metadata](#)

extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

networking.v4.r0.b1.config.NextHopType - Next hop type.

[Up](#)

Next hop type.

networking.v4.r0.b1.config.NodeSchedulableStatus - Check to see whether a node in a cluster is a storage-only node or not

[Up](#)

Array of node UUIDs and boolean pairs, indicating whether the nodes are storage-only. Requires Prism Central >= pc.2022.9.

extId
[String](#) DocRef(ExtIdProp)

isNeverSchedulable (optional)
[Boolean](#) The boolean value to indicate whether or not node is a storage only node

networking.v4.r0.b1.config.NodeSchedulableStatusApiResponse

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/node-schedulable-status Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.OspfConfig

[Up](#)

OSPF configuration for route peering with internal routers.

areaId (optional)
[String](#) OSPF area id of this gateway.

authenticationType (optional)
[networking.v4.r0.b1.config.AuthenticationType](#)

password (optional)
[String](#) Password for authentication.

networking.v4.r0.b1.config.PortRange

[Up](#)

Range of TCP/UDP ports.

startPort
[Integer](#) format: uint16

endPort
[Integer](#) format: uint16

networking.v4.r0.b1.config.PrivateIpAssociation

[Up](#)

Private IP and VPC to which the floating IP is associated.

privateIp
[common.v1.r0.a3.config.IPAddress](#)

vpcReference
[String](#) VPC in which the private IP exists.

networking.v4.r0.b1.config.ProtocolNumberObject[Up](#)

protocolNumber
[Integer](#) format: uint8

networking.v4.r0.b1.config.ProtocolType[Up](#)

Routing Policy IP protocol type.

networking.v4.r0.b1.config.PublicIpMapping[Up](#)

privatelp
[common.v1.r0.a3.config.IPAddress](#)
 publiclp
[common.v1.r0.a3.config.IPAddress](#)

networking.v4.r0.b1.config.QosConfig - Quality of Service configuration for the site-to-site VPN tunnel[Up](#)

Quality of Service configuration for the VPN IPSec tunnel

ingressLimitMbps (optional)
[Long](#) Ingress traffic limit (Mbps) format: int64
 egressLimitMbps (optional)
[Long](#) Egress traffic limit (Mbps) format: int64

networking.v4.r0.b1.config.RemoteBgpGateway[Up](#)

Remote BGP gateway info needed for flow gateway scale out model.

asn (optional)
[Integer](#) ASN number of the BGP gateway.
 ipAddress (optional)
[common.v1.r0.a3.config.IPAddress](#)

networking.v4.r0.b1.config.RemoteBgpService - BGP service[Up](#)

BGP service hosted on this remote gateway.

address
[common.v1.r0.a3.config.IPAddress](#)
 asn
[Long](#) Autonomous system number. 0 and 4294967295 are reserved. format: int64
example: 45035

networking.v4.r0.b1.config.RemoteNetworkServices - Remote gateway services[Up](#)

Services of this remote gateway

remoteVpnService (optional)
[networking.v4.r0.b1.config.RemoteVpnService](#)
 remoteVtepService (optional)
[networking.v4.r0.b1.config.RemoteVtepService](#)
 remoteBgpService (optional)
[networking.v4.r0.b1.config.RemoteBgpService](#)

networking.v4.r0.b1.config.RemoteVpnService - VPN service[Up](#)

VPN service hosted on this remote gateway

serviceAddress (optional)
[common.v1.r0.a3.config.IPAddress](#)
 ebgpConfig (optional)
[networking.v4.r0.b1.config.BgpConfig](#)
 peerIgpConfig (optional)
[networking.v4.r0.b1.config.InternalRoutingConfig](#)
 shouldInstallXiRoute (optional)
[Boolean](#) Boolean flag indicating user opt-in for installing Xi LB route in on-prem Prism Central and Prism Element CVMs provided on-prem Prism Central, Prism Element and VPN VM are in the same subnet.

networking.v4.r0.b1.config.RemoteVtepService - VTEP service[Up](#)

VTEP service hosted on this remote gateway

vxlanPort (optional)

[Integer](#) VXLAN port format: int32

vteps (optional)

[array\[networking.v4.r0.b1.config.Vtep\]](#) Remote VXLAN Tunnel Endpoints configuration

networking.v4.r0.b1.config.RemoteVtepStretchStatus - Status of VTEPs.

[Up](#)

Status of each VTEP. Applicable only when connectionType is VXLAN.

address (optional)

[common.v1.r0.a3.config.IPAddress](#)

status (optional)

[networking.v4.r0.b1.config.StretchStatus](#)

learnedMacAddresses (optional)

[array\[String\]](#)

networking.v4.r0.b1.config.RerouteFallbackAction

[Up](#)

Type of fallback action in reroute case when service VM is down.

networking.v4.r0.b1.config.RerouteParam

[Up](#)

Parameters for the reroute action which includes the reroute service IP and the fallback action when the service IP is down.

servicelp

[common.v1.r0.a3.config.IPAddress](#)

rerouteFallbackAction (optional)

[networking.v4.r0.b1.config.RerouteFallbackAction](#)

networking.v4.r0.b1.config.ReserveType

[Up](#)

Type of IP Address reservation.

networking.v4.r0.b1.config.ReservedAddress

[Up](#)

Information pertaining to a reserved IP address on a subnet.

clientContext (optional)

[String](#) Optional context a client wishes to associate with a reservation of IP addresses.

networking.v4.r0.b1.config.Route - Route.

[Up](#)

Route.

isActive (optional)

[Boolean](#) Indicates whether the route is active or inactive.

priority (optional)

[Integer](#) Route priority. A higher value implies greater preference is assigned to the route. format:

uint16

destination

[networking.v4.r0.b1.config.IPSubnet](#)

nexthopType

[networking.v4.r0.b1.config.NexthopType](#)

nexthopReference (optional)

[String](#) The reference to a link, such as a VPN connection or a subnet.

nexthopIpAddress (optional)

[common.v1.r0.a3.config.IPAddress](#)

nexthopName (optional)

[String](#) Name of the next hop, where the next hop is either a VPN connection, direct connect virtual interface, or a subnet.

source (optional)

[String](#) The source of a dynamic route is either a VPN connection, direct connect virtual interface, or a BGP session.

networking.v4.r0.b1.config.RouteTable - Route table

[Up](#)

Route table

vpcReference (optional)

[String](#) VPC

externalRoutingDomainReference (optional)

[String](#) External routing domain associated with this route table

staticRoutes (optional)

[array\[networking.v4.r0.b1.config.Route\]](#) Static routes

dynamicRoutes (optional)

[array\[networking.v4.r0.b1.config.Route\]](#) Dynamic routes

localRoutes (optional)

[array\[networking.v4.r0.b1.config.Route\]](#) Routes to local subnets

metadata (optional)

[common.v1.r0.a3.config.Metadata](#)

networking.v4.r0.b1.config.RouteTableApiResponse

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/route-tables/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [networking.v4.r0.b1.config.RouteTable](#)

[networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.RouteTableListApiResponse

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/route-tables Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.RoutingPolicy

[Up](#)

Schema to configure a routing policy.

name

[String](#) Name of the routing policy.

description (optional)

[String](#) A description of the routing policy.

priority

[Integer](#) Priority of the routing policy. format: int16

policies

[array\[networking.v4.r0.b1.config.RoutingPolicyRule\]](#)

vpcExtId

[String](#) ExtId of the VPC extId to which the routing policy belongs.

metadata (optional)

[common.v1.r0.a3.config.Metadata](#)

networking.v4.r0.b1.config.RoutingPolicyAction

[Up](#)

The action to be taken on the traffic matching the routing policy.

actionType

[networking.v4.r0.b1.config.RoutingPolicyActionType](#)

rerouteParams (optional)

[array\[networking.v4.r0.b1.config.RerouteParam\]](#)

networking.v4.r0.b1.config.RoutingPolicyActionType

[Up](#)

Routing policy action type.

networking.v4.r0.b1.config.RoutingPolicyApiResponse

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/routing-policies/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [networking.v4.r0.b1.config.RoutingPolicy](#)

[networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.RoutingPolicyListApiResponse

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/routing-policies Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.RoutingPolicyMatchCondition[Up](#)

Match condition for the traffic that is entering the VPC.

source
[networking.v4.r0.b1.config.AddressTypeObject](#)
 destination
[networking.v4.r0.b1.config.AddressTypeObject](#)
 protocolType
[networking.v4.r0.b1.config.ProtocolType](#)
 protocolParameters (optional)
 oneOf: [networking.v4.r0.b1.config.LayerFourProtocolObject](#)
[networking.v4.r0.b1.config.ICMPObject](#)
[networking.v4.r0.b1.config.ProtocolNumberObject](#)

networking.v4.r0.b1.config.RoutingPolicyRule[Up](#)

Policy indicating the match rule and the action.

policyMatch
[networking.v4.r0.b1.config.RoutingPolicyMatchCondition](#)
 policyAction
[networking.v4.r0.b1.config.RoutingPolicyAction](#)
 isBidirectional (optional)
[Boolean](#) If True, policies in the reverse direction will be installed with the same action but source and destination will be swapped.

networking.v4.r0.b1.config.ScopeType - DoctRef(ScopeTypeTitle)[Up](#)

Scope type:the permissible values are PC or PE.

networking.v4.r0.b1.config.SiteParams[Up](#)

Site-specific stretch configuration parameters.

pcClusterReference (optional)
[String](#) Prism Central cluster reference.
 stretchSubnetReference (optional)
[String](#) Subnet reference.
 connectionReference (optional)
[String](#) The VPN connection or network gateway with VTEP service used for this Layer2 stretch.
 stretchInterfaceIpAddress (optional)
[common.v1.r0.a3.config.IPAddress](#)
 vpnInterfaceIpAddress (optional)
[common.v1.r0.a3.config.IPAddress](#)
 defaultGatewayIpAddress (optional)
[common.v1.r0.a3.config.IPAddress](#)

networking.v4.r0.b1.config.State[Up](#)**networking.v4.r0.b1.config.Status**[Up](#)

Up/Down status of component and message.

message (optional)
[String](#)
 state (optional)
[networking.v4.r0.b1.config.State](#)

networking.v4.r0.b1.config.StretchConnectionType[Up](#)

Type of the connection used for stretching the subnet. The default is VPN.

networking.v4.r0.b1.config.StretchStatus - Layer2 stretch status.[Up](#)

Current status of the Layer2 extension among subnets.

detail (optional)
[String](#) Detailed text describing the runtime status of this stretch configuration.
 tunnelState (optional)
[networking.v4.r0.b1.config.State](#)
 interfaceState (optional)
[networking.v4.r0.b1.config.State](#)

roundTripTimeMillis (optional)

[Float](#) The round-trip time, in milliseconds, between subnets in this stretch configuration. format: float

networking.v4.r0.b1.config.Subnet

[Up](#)

name

[String](#) Name of the subnet.

description (optional)

[String](#) Description of the subnet.

subnetType

[networking.v4.r0.b1.config.SubnetType](#)

networkId (optional)

[Integer](#) For VLAN subnet, this field represents VLAN Id, valid range is from 0 to 4095; For overlay subnet, this field represents 24-bit VNI, this field is read-only. format: int32

dhcpOptions (optional)

[networking.v4.r0.b1.config.DhcpOptions](#)

ipConfig (optional)

[array\[networking.v4.r0.b1.config.IPConfig\]](#) IP configuration for the subnet.

clusterReference (optional)

[String](#) UUID of the cluster this subnet belongs to.

virtualSwitchReference (optional)

[String](#) UUID of the virtual switch this subnet belongs to (type VLAN only).

vpcReference (optional)

[String](#) UUID of Virtual Private Cloud this subnet belongs to (type Overlay only).

isNatEnabled (optional)

[Boolean](#) Indicates whether NAT must be enabled for VPCs attached to the subnet. This is supported only for external subnets. NAT is enabled by default on external subnets.

isExternal (optional)

[Boolean](#) Indicates whether the subnet is used for external connectivity.

reservedIpAddresses (optional)

[array\[common.v1.r0.a3.config.IPAddress\]](#) List of IPs that are excluded while allocating IP addresses to VM ports.

dynamicIpAddresses (optional)

[array\[common.v1.r0.a3.config.IPAddress\]](#) List of IPs, which are a subset from the reserved IP address list, that must be advertised to the SDN gateway.

networkFunctionChainReference (optional)

[String](#) UUID of the Network function chain entity that this subnet belongs to (type VLAN only).

bridgeName (optional)

[String](#) Name of the bridge on the host for the subnet.

isAdvancedNetworking (optional)

[Boolean](#) Indicates whether the subnet is used for advanced networking.

clusterName (optional)

[String](#) Cluster Name

hypervisorType (optional)

[String](#) Hypervisor Type

virtualSwitch (optional)

[networking.v4.r0.b1.config.VirtualSwitch](#)

vpc (optional)

[networking.v4.r0.b1.config.Vpc](#)

ipPrefix (optional)

[String](#) IP Prefix in CIDR format.

ipUsage (optional)

[networking.v4.r0.b1.config.IPUUsage](#)

migrationState (optional)

[networking.v4.r0.b1.config.MigrationState](#)

metadata (optional)

[common.v1.r0.a3.config.Metadata](#)

networking.v4.r0.b1.config.SubnetApiResponse

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/subnets/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [networking.v4.r0.b1.config.Subnet](#)

[networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.SubnetInfo[Up](#)

subnetUuid

[String](#) UUID of the subnet to be migrated.**networking.v4.r0.b1.config.SubnetListApiResponse**[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/subnets Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [networking.v4.r0.b1.error.ErrorResponse](#)**networking.v4.r0.b1.config.SubnetType**[Up](#)

Type of subnet.

networking.v4.r0.b1.config.TaskReferenceApiResponse[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/vpn-connections/{extId} Delete operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#)[networking.v4.r0.b1.error.ErrorResponse](#)**networking.v4.r0.b1.config.TrafficMirror - Port mirroring session.**[Up](#)

Mirror network traffic from a set of source ports, to a set of destination ports.

name

[String](#) Name of the session.

description (optional)

[String](#) Description of the session.

sourceList

[array\[networking.v4.r0.b1.config.TrafficMirrorSourcePort\]](#) List of source ports of the session.

Maximum of 4 source ports are allowed per session. Each session should have at least 1 source port.

destinationList

[array\[networking.v4.r0.b1.config.TrafficMirrorPort\]](#) List of destination ports of the session. Maximum

of 2 destination ports are allowed per session. Each session should have at least 1 destination port.

isEnabled (optional)

[Boolean](#) Indicates whether the port mirroring session is enabled or not.

clusterReferenceList

[array\[String\]](#) List of cluster UUIDs that are configured for this session. Currently, only 1 cluster is allowed to participate in a session.

hostReferenceList

[array\[String\]](#) List of host UUIDs that are configured for this session. Currently, only 1 host is allowed to participate in a session.

metadata (optional)

[common.v1.r0.a3.config.Metadata](#)**networking.v4.r0.b1.config.TrafficMirrorApiResponse**[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/traffic-mirrors/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [networking.v4.r0.b1.config.TrafficMirror](#)[networking.v4.r0.b1.error.ErrorResponse](#)**networking.v4.r0.b1.config.TrafficMirrorListApiResponse**[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/traffic-mirrors Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [networking.v4.r0.b1.error.ErrorResponse](#)**networking.v4.r0.b1.config.TrafficMirrorPort - Traffic mirror session port configuration.**[Up](#)

Traffic mirror session port description.

nicType
[networking.v4.r0.b1.config.TrafficMirrorPortNicType](#)
 nicUuid
[String](#) UUID of the NIC that this port belongs to.
 isUp (optional)
[Boolean](#) Indicates whether the port is up.

networking.v4.r0.b1.config.TrafficMirrorPortNicType - Traffic mirror session port NIC type.

[Up](#)

Port NIC type for the Traffic mirror session. Allowed values are HOST_NIC and VIRTUAL_NIC.

networking.v4.r0.b1.config.TrafficMirrorSourcePort - Traffic mirror session source port configuration.

[Up](#)

Traffic mirror session source port to mirror traffic from.

direction
[networking.v4.r0.b1.config.TrafficMirrorSourcePortDirection](#)
 nicType
[networking.v4.r0.b1.config.TrafficMirrorPortNicType](#)
 nicUuid
[String](#) UUID of the NIC that this port belongs to.
 isUp (optional)
[Boolean](#) Indicates whether the port is up.

networking.v4.r0.b1.config.TrafficMirrorSourcePortDirection - Traffic mirror session source port direction.

[Up](#)

Indicates the direction of traffic that the session will mirror. Allowed values are INGRESS, EGRESS and BIDIRECTIONAL.

networking.v4.r0.b1.config.UnreserveType

[Up](#)

Type of IP Address unreservation.

networking.v4.r0.b1.config.UplinkBond - Group of host-NICs

[Up](#)

Group host-NICs to function as a singular entity

name (optional)
[String](#) Name of the bond
 hostNicReferences (optional)
[array\[String\]](#) List of host-NIC UUIDs in this bond
 type (optional)
[networking.v4.r0.b1.config.UplinkBondType](#)
 lacpStatus (optional)
[networking.v4.r0.b1.config.UplinkBondLacpStatus](#)
 clusterReference (optional)
[String](#) UUID of Prism Element cluster that the host belongs to
 hostReference (optional)
[String](#) Host UUID for the bond
 virtualSwitchInfo (optional)
[networking.v4.r0.b1.config.UplinkBondVirtualSwitchInfo](#)
 metadata (optional)
[common.v1.r0.a3.config.Metadata](#)

networking.v4.r0.b1.config.UplinkBondApiResponse

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/uplink-bonds/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [networking.v4.r0.b1.config.UplinkBond](#)
[networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.UplinkBondLacpStatus - Bond LACP status

[Up](#)

LACP status of the bond (configured, negotiated, or off)

networking.v4.r0.b1.config.UplinkBondListApiResponse

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/uplink-bonds Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.UplinkBondType - Uplink bond type

[Up](#)

Type of the bond (active-backup, balance-slb, or balance-tcp)

networking.v4.r0.b1.config.UplinkBondVirtualSwitchInfo - Bond virtual Switch info

[Up](#)

Virtual Switch info associated with bond (if any)

reference (optional)

[String](#) UUID of the Virtual Switch this bond is a part of

name (optional)

[String](#) Name of the Virtual Switch that this bond is a part of

networking.v4.r0.b1.config.VirtualSwitch - Virtual Switch configuration

[Up](#)

Schema to configure a virtual switch

name

[String](#) User-visible Virtual Switch name

description (optional)

[String](#) Input body to configure a Virtual Switch

isDefault (optional)

[Boolean](#) Indicates whether it is a default Virtual Switch which cannot be deleted

isQuickMode (optional)

[Boolean](#) When true, the node is not put in maintenance mode during the create/update operation.

hasDeploymentError (optional)

[Boolean](#) When true, virtual switch configuration is not deployed on every node.

mtu (optional)

[Long](#) MTU format: int64

bondMode

[networking.v4.r0.b1.config.BondModeType](#)

clusters

[array\[networking.v4.r0.b1.config.Cluster\]](#) Cluster configuration list

metadata (optional)

[common.v1.r0.a3.config.Metadata](#)

networking.v4.r0.b1.config.VirtualSwitchApiResponse

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/virtual-switches/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [networking.v4.r0.b1.config.VirtualSwitch](#)

[networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.VirtualSwitchListApiResponse

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/virtual-switches Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.VlanSubnetMigrationSpec

[Up](#)

Schema for VLAN subnet migration.

subnets

[array\[networking.v4.r0.b1.config.SubnetInfo\]](#) Information on the VLAN Subnet that need to be migrated.

networking.v4.r0.b1.config.Vm

[Up](#)

Virtual Machine properties

name (optional)

[String](#) Virtual Machine name

networking.v4.r0.b1.config.VmNic[Up](#)

Virtual NIC for projections

privately (optional)
[String](#) Private IP value in string

networking.v4.r0.b1.config.VmNicAssociation[Up](#)

VM NIC and VPC to which the VM NIC subnet belongs.

vmNicReference
[String](#) VM NIC reference.
 vpcReference (optional)
[String](#) VPC reference to which the VM NIC subnet belongs.

networking.v4.r0.b1.config.VnicMigrationItem[Up](#)

nicUuid
[String](#) UUID of NIC to be migrated.
 networkUuid
[String](#) NIC network UUID for the destination subnet.
 requestedIpAddresses (optional)
[array\[common.v1.r0.a3.config.IPAddress\]](#)

networking.v4.r0.b1.config.VnicMigrationSpec[Up](#)

Schema for subnet migration.

vnicMigrationInput
[array\[networking.v4.r0.b1.config.VnicMigrationItem\]](#) Input for subnet migration.

networking.v4.r0.b1.config.Vpc[Up](#)

name
[String](#) Name of the VPC.
 description (optional)
[String](#) Description of the VPC.
 commonDhcpOptions (optional)
[networking.v4.r0.b1.config.VpcDhcpOptions](#)
 snatIps (optional)
[array\[common.v1.r0.a3.config.IPAddress\]](#) List of IP Addresses used for SNAT.
 externalSubnets (optional)
[array\[networking.v4.r0.b1.config.ExternalSubnet\]](#) List of external subnets that the VPC is attached to.
 externalRoutingDomainReference (optional)
[String](#) External routing domain associated with this route table
 externallyRoutablePrefixes (optional)
[array\[networking.v4.r0.b1.config.IPSubnet\]](#) CIDR blocks from the VPC which can talk externally without performing NAT. This is applicable when connecting to external subnets which have disabled NAT.
 metadata (optional)
[common.v1.r0.a3.config.Metadata](#)

networking.v4.r0.b1.config.VpcApiResponse[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/vpcs/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [networking.v4.r0.b1.config.Vpc](#)
[networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.VpcDhcpOptions[Up](#)

List of DHCP options to be configured.

domainNameServers (optional)
[array\[common.v1.r0.a3.config.IPAddress\]](#) List of Domain Name Server addresses (option 6).

networking.v4.r0.b1.config.VpcListApiResponse[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/vpcs Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.VpcVirtualSwitchMapping

[Up](#)

clusterUuid (optional)

[String](#) UUID of the cluster.

virtualSwitchUuid (optional)

[String](#) UUID of the virtual switch.

isAllTrafficPermitted (optional)

[Boolean](#) Whether to permit all traffic through virtual switch or only the ICMP and statistics collection requests.

metadata (optional)

[common.v1.r0.a3.config.Metadata](#)

networking.v4.r0.b1.config.VpcVirtualSwitchMappingsApiResponse

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/vpc-virtual-switch-mappings Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.VpnAppliance - VPN appliance.

[Up](#)

Third-party VPN appliance.

name (optional)

[String](#) VPN appliance name.

example: VyOS

version (optional)

[String](#) VPN appliance version.

example: 1.1.8+

metadata (optional)

[common.v1.r0.a3.config.Metadata](#)

networking.v4.r0.b1.config.VpnConnection - VPN connection

[Up](#)

VPN connection

name (optional)

[String](#) VPN connection name

description (optional)

[String](#) VPN connection description

localGatewayReference

[String](#) The local VPN gateway reference

remoteGatewayReference

[String](#) The remote VPN gateway reference

ipsecConfig

[networking.v4.r0.b1.config.IpsecConfig](#)

dpdConfig (optional)

[networking.v4.r0.b1.config.DpdConfig](#)

qosConfig (optional)

[networking.v4.r0.b1.config.QosConfig](#)

localGatewayRole

[networking.v4.r0.b1.config.GatewayRole](#)

dynamicRoutePriority (optional)

[Integer](#) Priority assigned to routes received on this connection over eBGP. A higher priority value indicates that the routes are more preferred format: int16

advertisedPrefixes (optional)

[array\[networking.v4.r0.b1.config.IPSubnet\]](#) IP prefixes advertised to the remote gateway over BGP.

learnedPrefixes (optional)

[array\[networking.v4.r0.b1.config.IPSubnet\]](#) IP prefixes learned from the remote gateway over BGP.

ipsecTunnelStatus (optional)

[networking.v4.r0.b1.config.Status](#)

ebgpStatus (optional)

[networking.v4.r0.b1.config.Status](#)

metadata (optional)

[common.v1.r0.a3.config.Metadata](#)

networking.v4.r0.b1.config.VpnConnectionApiResponse

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/vpn-connections/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [networking.v4.r0.b1.config.VpnConnection](#)

[networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.VpnConnectionListApiResponse

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/vpn-connections Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.VpnVendorListApiResponse

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/config/vpn-connections/{extId}/vpn-vendor-configs Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.config.Vtep - VXLAN Tunnel Endpoint

[Up](#)

VXLAN Tunnel Endpoint

address (optional)

[common.v1.r0.a3.config.IPAddress](#)

networking.v4.r0.b1.error.AppMessage

[Up](#)

This schema is generated from AppMessage.java

message (optional)

[String](#)

severity (optional)

[common.v1.r0.a3.config.MessageSeverity](#)

code (optional)

[String](#)

locale (optional)

[String](#) The locale for the message description.

errorGroup (optional)

[String](#)

argumentsMap (optional)

[map\[String, String\]](#)

networking.v4.r0.b1.error.ErrorResponse

[Up](#)

This schema is auto-generated by the Open API Dev Platform as REST response for 4xx and 5xx error responses.

error (optional)

oneOf: [networking.v4.r0.b1.error.SchemaValidationError](#)

networking.v4.r0.b1.error.MessageSeverity

[Up](#)

Enum schema MessageSeverity

networking.v4.r0.b1.error.SchemaValidationError

[Up](#)

This schema is generated from SchemaValidationError.java

timestamp (optional)

[String](#)

statusCode (optional)

[Integer](#)

error (optional)

[String](#)

path (optional)
[String](#)
 validationErrorMessages (optional)
[array\[networking.v4.r0.b1.error.SchemaValidationErrorMessage\]](#)

networking.v4.r0.b1.error.SchemaValidationErrorMessage

[Up](#)

This schema is generated from SchemaValidationErrorMessage.java

location (optional)
[String](#)
 message (optional)
[String](#)
 attributePath (optional)
[String](#)

networking.v4.r0.b1.stats.Layer2StretchStats - Layer2 stretch statistics model

[Up](#)

Layer2 stretch statistics description

throughputRxKbps (optional)
[array\[String\]](#) VPN connection string array of RX BPS values
 throughputTxKbps (optional)
[array\[String\]](#) VPN connection string array of TX BPS values
 rtt (optional)
[array\[String\]](#) Layer2Stretch string array of round-trip-time.
 entityUuid (optional)
[String](#) UUID of queried entity.
 statType (optional)
[common.v1.r0.a3.stats.DownSamplingOperator](#)

networking.v4.r0.b1.stats.Layer2StretchStatsApiResponse

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/stats/layer2-stretches/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [networking.v4.r0.b1.stats.Layer2StretchStats](#)
[networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.stats.RoutingPolicyClearCountersSpec

[Up](#)

VPC UUID to reset all routing policy counters to zero.

vpcExtId
[String](#)
 routingPolicyExtId (optional)
[String](#)

networking.v4.r0.b1.stats.StatsQueryResponseBase - Stats query response.

[Up](#)

Response of statistics query.

entityUuid (optional)
[String](#) UUID of queried entity.
 statType (optional)
[common.v1.r0.a3.stats.DownSamplingOperator](#)
 extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.
 links (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

networking.v4.r0.b1.stats.TaskReferenceApiResponse

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/stats/routing-policies/\$actions/clear Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a2.config.TaskReference](#)
[networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.stats.TrafficMirrorState - Traffic mirror state title.[Up](#)

Traffic mirror state value.

networking.v4.r0.b1.stats.TrafficMirrorStats - Traffic mirror stats title.[Up](#)

Traffic mirror stats description.

statsData (optional)

[networking.v4.r0.b1.stats.TrafficMirrorStatsData](#)

name (optional)

[String](#) Name of the session.

state (optional)

[networking.v4.r0.b1.stats.TrafficMirrorState](#)

stateMessage (optional)

[String](#) Traffic mirror stats state message.

entityUuid (optional)

[String](#) UUID of queried entity.

statType (optional)

[common.v1.r0.a3.stats.DownSamplingOperator](#)**networking.v4.r0.b1.stats.TrafficMirrorStatsApiResponse**[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/stats/traffic-mirrors/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [networking.v4.r0.b1.stats.TrafficMirrorStats](#)[networking.v4.r0.b1.error.ErrorResponse](#)**networking.v4.r0.b1.stats.TrafficMirrorStatsData** - Traffic mirror stats data values Title.[Up](#)

Traffic mirror stats data values.

transmitPacketCount

[Long](#) Traffic mirror number of packets transmitted.

transmitByteCount

[Long](#) Traffic mirror bytes transmitted.**networking.v4.r0.b1.stats.VpcNsStats** - VPC North-South statistics model[Up](#)

VPC North-South statistics description

northSouthIngressBytesPerSec (optional)

[array\[String\]](#) VPC North-South string array of ingress BPS values

northSouthEgressBytesPerSec (optional)

[array\[String\]](#) VPC North-South string array of egress BPS values

northSouthIngressPacketsPerSec (optional)

[array\[String\]](#) VPC North-South string array of ingress PPS values

northSouthEgressPacketsPerSec (optional)

[array\[String\]](#) VPC North-South string array of egress PPS values

northSouthIngressBytesAbs (optional)

[array\[String\]](#) VPC North-South string array of ingress absolute bytes values

northSouthEgressBytesAbs (optional)

[array\[String\]](#) VPC North-South string array of egress absolute bytes values

northSouthIngressPacketsAbs (optional)

[array\[String\]](#) VPC North-South string array of ingress absolute packets values

northSouthEgressPacketsAbs (optional)

[array\[String\]](#) VPC North-South string array of egress absolute packets values

entityUuid (optional)

[String](#) UUID of queried entity.

statType (optional)

[common.v1.r0.a3.stats.DownSamplingOperator](#)**networking.v4.r0.b1.stats.VpcNsStatsApiResponse**[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/stats/vpc/{vpcExtId}/external-subnets/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [networking.v4.r0.b1.stats.VpnConnectionStats](#)
[networking.v4.r0.b1.error.ErrorResponse](#)

networking.v4.r0.b1.stats.VpnConnectionStats - VPN connection statistics model

[Up](#)

VPN connection statistics description

throughputRxKbps (optional)
[array\[String\]](#) VPN connection string array of RX BPS values

throughputTxKbps (optional)
[array\[String\]](#) VPN connection string array of TX BPS values

entityUuid (optional)
[String](#) UUID of queried entity.

statType (optional)
[common.v1.r0.a3.stats.DownSamplingOperator](#)

networking.v4.r0.b1.stats.VpnConnectionStatsApiResponse

[Up](#)

REST response for all response codes in API path /networking/v4.0.b1/stats/vpn-connections/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
oneOf: [networking.v4.r0.b1.stats.VpnConnectionStats](#)
[networking.v4.r0.b1.error.ErrorResponse](#)

prism.v4.r0.a2.config.TaskReference

[Up](#)

Reference to a task tracking an asynchronous operation. The status of the task can be queried by making a GET request to the task URI provided in the metadata section of the API response.

extId (optional)
[String](#) A globally unique identifier of a task.

Nutanix Prism Versioned APIs

Task Management, Category Associations, Prism Central DR, Alerts, Alert policies, Events and Audits

More information: <https://helloreverb.com>

Contact Info: hello@helloreverb.com

Version: 4.0.3-alpha-2

BasePath: /api

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Access

1. HTTP Basic Authentication

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AlertEmailConfiguration

GET /prism/v4.0.a2/serviceability/alerts/email-config

Get alert email configuration. ([getAlertEmailConfiguration](#))

Get alert email configuration.

Return type

[inline response 200 2](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Successfully retrieved alert email configuration. [inline response 200 2](#)

4XX

Client error response [inline response 4XX 2](#)

5XX

Server error response [inline response 4XX 2](#)

PUT /prism/v4.0.a2/serviceability/alerts/email-config

Update alert email configuration. ([updateAlertEmailConfiguration](#))

Update alert email configuration.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [prism.v4.r0.a2.serviceability.AlertEmailConfiguration](#) (required)*Body Parameter* — Email configuration sent for the update.

Request headers**Return type**[inline response 200 2](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Email configuration updated successfully. [inline response 200 2](#)

4XX

Client error response [inline response 4XX 2](#)

5XX

Server error response [inline response 4XX 2](#)

Alerts

GET /prism/v4.0.a2/serviceability/alerts/{extId}

[Up](#)Get alert details for a given UUID. (**getAlertById**)

Get alert details for a given UUID.

Path parameters**extId (required)***Path Parameter* — UUID of the generated alert.**Return type**[inline response 200 1](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Successfully returns an alert that matches the extId. [inline response 200 1](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

GET /prism/v4.0.a2/serviceability/alerts

[Up](#)

Get the list of alerts. ([getAlerts](#))

Get the list of alerts.

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

- alertType
- classifications
- extId
- isAcknowledged
- isAutoResolved
- isResolved
- originatingClusterUUID
- serviceName
- severity
- sourceEntity

\$orderby (optional)

Query Parameter — A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using `asc` or descending order using `desc`. If `asc` or `desc` are not specified the resources will be sorted in ascending order by default. For example, `{&orderby=templateName desc}` would get all templates sorted by `templateName` in `desc` order. The `orderby` can be applied to the following fields:

- `creationTime`
- `lastUpdatedTime`

Return type[inline response 200](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : [ "", "" ]
}
```

Produces

This API call produces the following media types according to the `Accept` request header; the media type will be conveyed by the `Content-Type` response header.

- `application/json`

Responses**200**Successfully returns the list of alerts that match the filter criteria. [inline response 200](#)**4XX**Client error response [inline response 4XX](#)**5XX**Server error response [inline response 4XX](#)

Audits

GET `/prism/v4.0.a2/serviceability/audits/{extId}`[Up](#)Get audit details for a given UUID. (`getAuditById`)

Get audit details for a given UUID.

Path parameters**extId (required)***Path Parameter* — UUID of the generated audit.**Return type**

[inline response 200 10](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Successfully returns an audit that matches the extId. [inline response 200 10](#)

4XX

Client error response [inline response 4XX 14](#)

5XX

Server error response [inline response 4XX 14](#)

GET /prism/v4.0.a2/serviceability/audits

[Up](#)

Get list of audits. ([getAudits](#))

Get list of audits.

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

```
<li>auditType</li> <li>creationTime</li> <li>extId</li> <li>operationType</li> <li>sourceEntity</li>
<li>userReference/extId</li> <li>userReference/ipAddress</li> <li>userReference/name</li> </ul>
```

\$orderby (optional)

Query Parameter — <p>A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:</p> auditType creationTime operationType

Return type

[inline response 200 9](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : [ "", "" ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Successfully returns the list of audits that match the filter criteria. [inline response 200 9](#)

4XX

Client error response [inline response 4XX 13](#)

5XX

Server error response [inline response 4XX 13](#)

Categories

POST /prism/v4.0.a2/config/categories

[Up](#)

Create a category (**createCategory**)

Create a category taking the input from the request body

At the minimum, the key and the value fields must be provided in the payload. The description field can also be provided. Creation of a category succeeds only if there is no other category in the system with the same key-value combination.

A sample request body:


```
{
  "key": "pet",
  "value": "cat",
  "description": "This is a sample category"
}
```

Other fields

- All other fields, if specified in the payload, are ignored.
- The field extId is autogenerated as a random (type 4) UUID. It does not depend on the contents of any other fields.
- Re-creation of a category with the same key-value combination after deleting the existing one, will generate a different extId to the previous category.
- The field ownerId is set as the UUID of the currently logged in user.
- The field type is set to be 'USER'

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [prism.v4.r0.a2.config.Category](#) (required)
Body Parameter —

Return type

[inline response 201_1](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

201

The requested category is successfully created. [inline response 201_1](#)

4XX

Client error response [inline response 4XX_21](#)

5XX

Server error response [inline response 4XX_21](#)

DELETE /prism/v4.0.a2/config/categories/{extId}

Delete a category (`deleteCategoryByExtId`)*Deletes the category with the given external identifier.*

The user has to specify inside the path parameter - a valid external identifier (extId) of the category to be deleted.

A sample call would look like this:

`/prism/v4.0.a2/config/categories/cafc8e9e-b595-46f8-8d43-f62746180a5b`

Notes

- Categories that contain associations cannot be deleted.
- Internal categories cannot be deleted.

Path parameters

extId (required)*Path Parameter* — A globally unique identifier of an instance that is suitable for external consumption.

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

204The requested category with the `<code>extId</code>` value as provided in the path parameter is found and deleted successfully.**4XX**Client error response [inline response 4XX 24](#)**5XX**Server error response [inline response 4XX 24](#)

GET /prism/v4.0.a2/config/categories

List categories (`getAllCategories`)*Fetch a list of categories with pagination, filtering, sorting, selection and expansion*

Query parameters

\$page (optional)*Query Parameter* — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32**\$limit (optional)***Query Parameter* — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32**\$filter (optional)***Query Parameter* —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

- extId
- key
- ownerUuid
- type
- value

\$orderby (optional)*Query Parameter* —

A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- key
- value

\$expand (optional)*Query Parameter* —

A URL query parameter that allows clients to request related resources when a resource that satisfies a particular request is retrieved. Each expand item is evaluated relative to the entity containing the property being expanded. Other query options can be applied to an expanded property by appending a semicolon-separated list of query options, enclosed in parentheses, to the property name. Allowed system query options are \$filter, \$select, \$orderby. The following expansion keys are supported.

- associations
- detailedAssociations

\$select (optional)*Query Parameter* —

A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.

- description
- extId
- key
- ownerUuid
- type
- value

Return type[inline response 200 16](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : [ "", "" ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

The query is processed and a list of categories is returned. [inline response 200 16](#)

4XX

Client error response [inline response 4XX 20](#)

5XX

Server error response [inline response 4XX 20](#)

GET /prism/v4.0.a2/config/categories/{extId}

[Up](#)Fetch a category ([getCategoryByExtId](#))

Get a category with the given external identifier

Path parameters**extId (required)**

Path Parameter — A globally unique identifier of an instance that is suitable for external consumption.

Query parameters**\$expand (optional)**

Query Parameter — <p>A URL query parameter that allows clients to request related resources when a resource that satisfies a particular request is retrieved. Each expand item is evaluated relative to the entity containing the property being expanded. Other query options can be applied to an expanded property by appending a semicolon-separated list of query options, enclosed in parentheses, to the property name. Allowed system query options are \$filter, \$select, \$orderby. The following expansion keys are supported.</p> associations detailedAssociations

Return type

[inline response 200 17](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**

The requested category with the `<extId>/code>` value as provided in the path parameter is found and returned. [inline response 200 17](#)

4XX

Client error response [inline response 4XX 22](#)

5XX

Server error response [inline response 4XX 22](#)

PUT /prism/v4.0.a2/config/categories/{extId}

[Up](#)**Update a category (updateCategory)**

Updates the category with the given external identifier using the provided request body

Update needs the extId in the URL path, and also a payload representing the new state of the category.

An update is a 'set' operation, indicating that whatever is specified in the payload will be written to the database wholesale.

Fields which need to be erased/set to null can be omitted from the payload.

Update operation requires an *E-Tag*, specified in the header as *If-Match*. The value of the ETag can be obtained through a `getByExtId` call, in the response header *E-Tag*.

The following fields are available for modification:

- value - mandatory field
- description - not providing the field is equivalent to setting the value to null
- ownerId - mandatory if the response of the GET endpoint contains this field

A sample request body would look like this:

```
{
  "extId": "cafc8e9e-b595-46f8-8d43-f62746180a5b",
  "key": "sample-category",
  "value": "sample-category-value-updated",
}
```

```

    "description": "This is the updated description",
    "type": "USER",
    "ownerUuid": "5afc8e9e-b595-46f8-8d43-f62746180a5f"
  }

```

Note

- Update request will fail if the resulting key + updated value combination already points to an existing category.
- Updation of value should be done with caution, as categories might be referenced by other services using the same key:value pair, and after updation, those stored references will be dangling.
- Updation of the field ownerUuid is allowed only for *super-admin/legacy-roles/local-users*.
- Update request will fail if the new ownerUuid field does not refer to a valid user UUID.
- Update request will fail if the ownerUuid field is erased (i.e not given in the payload)
- The type and the extId fields are ignored.
- Internal categories cannot be updated.
- To create an update request payload, it is advisable to copy the response of a get api call and modify fields that need to be edited.

Path parameters**extId (required)***Path Parameter* – A globally unique identifier of an instance that is suitable for external consumption.**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/json

Request bodybody [prism.v4.r0.a2.config.Category](#) (required)*Body Parameter* –**Request headers****Return type**[inline response 200 18](#)**Example data**

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

The requested category with the `extId` value as provided in the path parameter is found, updated successfully and returned.

[inline response 200 18](#)

4XX

Client error response [inline response 4XX 23](#)

5XX

Server error response [inline response 4XX 23](#)

Events

GET /prism/v4.0.a2/serviceability/events/{extId}

[Up](#)

Get event details for a given UUID. (`getEventById`)

Get event details for a given UUID.

Path parameters

extId (required)

Path Parameter – UUID of the generated event.

Return type

[inline response 200 12](#)

Example data

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults" : 0,
    "flags": [ {
      "name": "name",
      "value" : false
    }, {
      "name": "name",
      "value" : false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    }, {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    } ],
    "links": [ {
      "rel": "rel",
      "href": "href"
    }, {
      "rel": "rel",
      "href": "href"
    } ],
    "extraInfo": [ {
      "name": "name",
      "value": ""
    }, {
      "name": "name",
      "value": ""
    } ]
  },
  "data": ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Successfully returns an event that matches the extId. [inline response 200 12](#)

4XX

Client error response [inline response 4XX 16](#)

5XX

Server error response [inline response 4XX 16](#)[Up](#)

GET /prism/v4.0.a2/serviceability/events

Get list of events (**getEvents**)

Get list of events

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

- creationTime
- eventType
- extId
- sourceEntity

\$orderby (optional)

Query Parameter —

A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- creationTime

Return type

[inline response 200 11](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : [ "", "" ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Successfully returns list of events that match the filter criteria. [inline response 200 11](#)

4XX

Client error response [inline response 4XX 15](#)

5XX

Server error response [inline response 4XX 15](#)

ManageAlert

POST /prism/v4.0.a2/serviceability/alerts/{extId}/\$actions/manage-alert

[Up](#)

Acknowledge or resolve the specified alert. (**manageAlert**)

Acknowledge or resolve the specified alert.

Path parameters

extId (required)

Path Parameter — Unique identifier for alert that can be resolved or acknowledged.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [prism.v4.r0.a2.serviceability.AlertActionSpec](#) (required)

Body Parameter — An alert can be resolved or acknowledged.

Request headers

Return type

[inline response 202](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
}
```



```

    "data" : {
      "extId" : "extId"
    }
  }
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Successfully acknowledged or resolved the specified alerts. [inline response 202](#)

4XX

Client error response [inline response 4XX 3](#)

5XX

Server error response [inline response 4XX 3](#)

POST /prism/v4.0.a2/serviceability/alerts/\$actions/manage-alerts-bulk

[Up](#)

Acknowledge or resolve the specified alerts. (**manageAlertsBulk**)

Acknowledge or resolve the specified alerts.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [prism.v4.r0.a2.serviceability.ManageAlertsBulk](#) (required)

Body Parameter — A list of alert UUIDs on which the action should be taken. Action can be RESOLVE or ACKNOWLEDGE.

Return type

[inline response 202](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}

```

```
}  
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Successfully acknowledged or resolved the specified alerts. [inline response 202](#)

4XX

Client error response [inline response 4XX 3](#)

5XX

Server error response [inline response 4XX 3](#)

SystemDefinedPolicies

GET /prism/v4.0.a2/serviceability/alerts/system-defined-policies

[Up](#)

Get a list of all system defined alert policies. ([getSdaPolicies](#))

Get a list of all system defined alert policies.

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

- alertType
- title

\$orderby (optional)

Query Parameter —

A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- alertType
- extId
- modifiedTime
- title

Return type

[inline response 200 3](#)

Example data

Content-Type: application/json

```
{  
  "metadata" : {  
    "totalAvailableResults" : 0,  
    "flags" : [ {  
      "name" : "name",  
      "value" : false  
    }, {  
      "name" : "name",  
      "value" : false  
    } ],  
    "messages" : [ {  
      "severity" : "$UNKNOWN",  
      "code" : "code",  
      "message" : "message",  
      "locale" : "en_US"  
    }, {  
      "severity" : "$UNKNOWN",  
      "code" : "code",  
      "message" : "message",  
      "locale" : "en_US"  
    } ],  
    "links" : [ {
```

```

    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : [ "", "" ]
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Successfully retrieved system defined alert policies. [inline response 200 3](#)

4XX

Client error response [inline response 4XX 4](#)

5XX

Server error response [inline response 4XX 4](#)

GET /prism/v4.0.a2/serviceability/alerts/system-defined-policies/{extId}

[Up](#)

Get a system defined alert policy based on policy ID. (getSdaPolicyById)

Get a system defined alert policy based on policy ID.

Path parameters

extId (required)

Path Parameter — UID of the system defined alert policy.

Return type

[inline response 200 4](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",

```

```

    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**Successful retrieved system defined alert policy. [inline response 200 4](#)**4XX**Client error response [inline response 4XX 5](#)**5XX**Server error response [inline response 4XX 5](#)

PUT /prism/v4.0.a2/serviceability/alerts/system-defined-policies/{extId}

[Up](#)

Update a system defined alert policy. (**updateSdaPolicy**)

Update a system defined alert policy.

Path parameters**extId (required)**

Path Parameter – UID of the system defined alert policy.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [prism.v4.r0.a2.serviceability.SystemDefinedPolicy](#) (required)

Body Parameter – System defined alert policy sent for the update.

Request headers**Return type**

[inline response 202 1](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {

```

```

      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

System defined alert policy updated successfully. [inline response 202_1](#)

4XX

Client error response [inline response 4XX_6](#)

5XX

Server error response [inline response 4XX_6](#)

Task

POST /prism/v4.0.a2/config/tasks/{taskExtId}/\$actions/cancel

[Up](#)

Cancel an ongoing task. ([taskCancel](#))

Cancel an ongoing task for the provided taskExtId. This action is supported only if 'isCancelable' is set as True for the task. The task may continue to run for some time after the request has been made, until the backend server deems it is safe to cancel the task. Cancellation requests are idempotent and multiple such requests for the same ongoing task are supported. Minimum Required Prism Central version: PC.2023.3

Path parameters

taskExtId (required)

Path Parameter – A globally unique identifier of a task.

Return type

[inline response 200_14](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {

```

```
    "severity" : "$UNKNOWN",
    "code" : "code",
    "errorGroup" : "errorGroup",
    "argumentsMap" : {
      "key" : "argumentsMap"
    },
    "message" : "message",
    "locale" : "en_US"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Successful submission response for the cancel task request. [inline response 200_14](#)

4XX

Client error response [inline response 4XX_18](#)

5XX

Server error response [inline response 4XX_18](#)

GET /prism/v4.0.a2/config/tasks/{extId}

[Up](#)

Fetch a task. (**taskGet**)

Fetch an asynchronous operation called a task for the provided extId. Minimum Required Prism Central version: PC.2023.3

Path parameters

extId (required)

Path Parameter — A globally unique identifier of a task.

Return type

[inline response 200_13](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "startedTime" : "2000-01-23T04:56:07.000+00:00",
    "operationDescription" : "operationDescription",
```

```
{
  "subSteps": [ {
    "name": "name"
  }, {
    "name": "name"
  }, {
    "name": "name"
  }, {
    "name": "name"
  }, {
    "name": "name"
  }, {
    "name": "name"
  }, {
    "name": "name"
  }, {
    "name": "name"
  }, {
    "name": "name"
  }, {
    "name": "name"
  } ],
  "parentTask": "",
  "completedTime": "2000-01-23T04:56:07.000+00:00",
  "subTasks": [ null, null, null, null, null, null, null, null, null, null ],
  "completionDetails": [ {
    "name": "name",
    "value": ""
  }, {
    "name": "name",
    "value": ""
  }, {
    "name": "name",
    "value": ""
  }, {
    "name": "name",
    "value": ""
  }, {
    "name": "name",
    "value": ""
  }, {
    "name": "name",
    "value": ""
  }, {
    "name": "name",
    "value": ""
  }, {
    "name": "name",
    "value": ""
  }, {
    "name": "name",
    "value": ""
  }, {
    "name": "name",
    "value": ""
  } ],
  "warnings": [ null, null, null, null, null, null, null, null, null, null ],
  "errorMessagees": [ {
    "severity": "$UNKNOWN",
    "code": "code",
    "errorGroup": "errorGroup",
    "argumentsMap": {
      "key": "argumentsMap"
    },
    "message": "message",
    "locale": "en_US"
  }, {
    "severity": "$UNKNOWN",
    "code": "code",
    "errorGroup": "errorGroup",
    "argumentsMap": {
      "key": "argumentsMap"
    },
    "message": "message",
    "locale": "en_US"
  }, {
    "severity": "$UNKNOWN",
    "code": "code",
    "errorGroup": "errorGroup",
    "argumentsMap": {
      "key": "argumentsMap"
    },
    "message": "message",
    "locale": "en_US"
  } ]
}
```

```
"message" : "message",
"locale" : "en_US"
}, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "errorGroup" : "errorGroup",
    "argumentsMap" : {
        "key" : "argumentsMap"
    },
    "message" : "message",
    "locale" : "en_US"
}, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "errorGroup" : "errorGroup",
    "argumentsMap" : {
        "key" : "argumentsMap"
    },
    "message" : "message",
    "locale" : "en_US"
}, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "errorGroup" : "errorGroup",
    "argumentsMap" : {
        "key" : "argumentsMap"
    },
    "message" : "message",
    "locale" : "en_US"
}, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "errorGroup" : "errorGroup",
    "argumentsMap" : {
        "key" : "argumentsMap"
    },
    "message" : "message",
    "locale" : "en_US"
}, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "errorGroup" : "errorGroup",
    "argumentsMap" : {
        "key" : "argumentsMap"
    },
    "message" : "message",
    "locale" : "en_US"
}, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "errorGroup" : "errorGroup",
    "argumentsMap" : {
        "key" : "argumentsMap"
    },
    "message" : "message",
    "locale" : "en_US"
} ],
"legacyErrorMessage" : "legacyErrorMessage",
"createdTime" : "2000-01-23T04:56:07.000+00:00",
"progressPercentage" : 8,
"lastUpdatedTime" : "2000-01-23T04:56:07.000+00:00",
"extId" : "extId",
"entitiesAffected" : [ {
    "rel" : "rel",
    "extId" : "extId"
}, {
    "rel" : "rel",
    "extId" : "extId"
}, {
    "rel" : "rel",
    "extId" : "extId"
} ],
}
```


[illegible]


```

    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

201

UDA policy created successfully. [inline response 201](#)

4XX

Client error response [inline response 4XX 8](#)

5XX

Server error response [inline response 4XX 8](#)

DELETE /prism/v4.0.a2/serviceability/alerts/user-defined-policies/{extId}

[Up](#)

Delete UDA policy with the given policy ID. ([deleteUdaPolicy](#))

Delete UDA policy with the given policy ID.

Path parameters

extId (required)

Path Parameter — Entity UUID.

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

204

UDA policy deleted successfully.

4XX

Client error response [inline response 4XX 11](#)

5XX

Server error response [inline response 4XX 11](#)

POST /prism/v4.0.a2/serviceability/alerts/user-defined-policies/\$actions/find-conflicting

[Up](#)

Get all the existing policies that have conflicting criteria to the one specified. ([findConflictingUdaPolicies](#))

Get all the existing policies that have conflicting criteria to the one specified.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [prism.v4.r0.a2.serviceability.UserDefinedPolicy](#) (required)

Body Parameter — UDA policy sent as part of the request body to find policies that have conflicting criteria.

Return type

[inline response 200 8](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : [ {
    "extId" : "extId"
  }, {
    "extId" : "extId"
  } ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Successfully retrieved list of conflicting UDA policies. [inline response 200 8](#)

4XX

Client error response [inline response 4XX 12](#)

5XX

Server error response [inline response 4XX 12](#)

GET /prism/v4.0.a2/serviceability/alerts/user-defined-policies

[Up](#)

Get a list of all User Defined Alert policies. ([getUdaPolicies](#))

Get a list of all User Defined Alert policies.

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a

validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter — A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

- createdBy
- entityType
- extId
- title

\$orderby (optional)

Query Parameter — A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- lastUpdatedTime

Return type

[inline response 200 5](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : [ "", "" ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Successful retrieved UDA policy. [inline response 200 5](#)

4XX

Client error response [inline response 4XX 7](#)

5XX

Server error response [inline response 4XX 7](#)

GET /prism/v4.0.a2/serviceability/alerts/user-defined-policies/{extId}

[Up](#)

Get a UDA policy based on policy ID. ([getUdaPolicyById](#))

Get a UDA policy based on policy ID.

Path parameters**extId (required)***Path Parameter* – Entity UUID.**Return type**[inline response 200 6](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**Successful retrieved UDA policy. [inline response 200 6](#)**4XX**Client error response [inline response 4XX 9](#)**5XX**Server error response [inline response 4XX 9](#)

PUT /prism/v4.0.a2/serviceability/alerts/user-defined-policies/{extId}

[Up](#)Update UDA policy with the given policy ID. (**updateUdaPolicy**)

Update UDA policy with the given policy ID.

Path parameters**extId (required)***Path Parameter* – Entity UUID.**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [prism.v4.r0.a2.serviceability.UserDefinedPolicy](#) (required)
Body Parameter — UDA policy sent as part of the request body to update a UDA policy.

Request headers

Return type

[inline response 200 7](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

UDA policy updated successfully. [inline response 200 7](#)

4XX

Client error response [inline response 4XX 10](#)

5XX

Server error response [inline response 4XX 10](#)

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common.v1.r0.a3.config.FQDN

[Up](#)

A fully qualified domain name specifying its exact location in the tree hierarchy of the Domain Name System.

value (optional)

[String](#)

common.v1.r0.a3.config.Flag

[Up](#)

Many entities in the Nutanix APIs carry flags. This object captures all the flags associated with that entity through this object. The field that hosts this type of object must have an attribute called x-bounded-map-keys that tells which flags are actually present for that entity.

name (optional)

[String](#)

value (optional)

[Boolean](#)

common.v1.r0.a3.config.IPAddressOrFQDN

[Up](#)

An unique address that identifies a device on the internet or a local network in IPv4/IPv6 format or a Fully Qualified Domain Name.

ipv4 (optional)

[common.v1.r0.a3.config.IPv4Address](#)

ipv6 (optional)

[common.v1.r0.a3.config.IPv6Address](#)

fqdn (optional)

[common.v1.r0.a3.config.FQDN](#)

common.v1.r0.a3.config.IPv4Address

[Up](#)

value (optional)

[String](#)

prefixLength (optional)

[Integer](#) The prefix length of the network to which this host IPv4 address belongs. format: int32

common.v1.r0.a3.config.IPv6Address

[Up](#)

value (optional)

[String](#)

prefixLength (optional)

[Integer](#) The prefix length of the network to which this host IPv6 address belongs. format: int32

common.v1.r0.a3.config.KVPair

[Up](#)

A map describing a set of keys and their corresponding values.

name (optional)

[String](#) The key of this key-value pair

value (optional)

The value associated with the key for this key-value pair

oneOf:

common.v1.r0.a3.config.KVStringPair

[Up](#)

name (optional)

[String](#) The key of this key-value string pair

value (optional)

[String](#) The value associated with the key for this key-value string pair

common.v1.r0.a3.config.Message

[Up](#)

code (optional)

[String](#) A code that uniquely identifies a message.

message (optional)

[String](#) The description of the message.

locale (optional)

[String](#) The locale for the message description.

severity (optional)

[common.v1.r0.a3.config.MessageSeverity](#)

common.v1.r0.a3.config.MessageSeverity

[Up](#)

The message severity.

common.v1.r0.a3.config.TenantAwareModel

[Up](#)

A model base class whose instances are bound to a specific tenant. This model adds a tenantId to the base model class that it extends and is automatically set by the server.

tenantId (optional)

[String](#) A globally unique identifier that represents the tenant that owns this entity. It is automatically assigned by the system and is immutable from an API consumer perspective (some use cases may cause

this Id to change - for instance a use case may require the transfer of ownership of the entity, but these cases are handled automatically on the server).

common.v1.r0.a3.response.ApiLink

[Up](#)

A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

href (optional)

[String](#) The URL at which the entity described by the link can be accessed.

rel (optional)

[String](#) A name that identifies the relationship of the link to the object that is returned by the URL. The unique value of "self" identifies the URL for the object.

common.v1.r0.a3.response.ApiResponseMetadata

[Up](#)

The metadata associated with an API response. This value is always present and minimally contains the self-link for the API request that produced this response. It also contains pagination data for the paginated requests.

flags (optional)

[array\[common.v1.r0.a3.config.Flag\]](#) An array of flags that may indicate the status of the response. For example a flag with name isPaginated and value false indicates that the response is not paginated.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) An array of HATEOAS style links for the response that may also include pagination links for list operations.

totalAvailableResults (optional)

[Integer](#) The total number of entities that are available on the server for this type. format: int32

messages (optional)

[array\[common.v1.r0.a3.config.Message\]](#) Information, Warning or Error messages that might provide additional contextual information related to the operation.

extraInfo (optional)

[array\[common.v1.r0.a3.config.KVPair\]](#) An array of entity-specific metadata

common.v1.r0.a3.response.ExternalizableAbstractModel

[Up](#)

A model that represents an object instance that is accessible through an API endpoint. Instances of this type get an extId field that contains the globally unique identifier for that instance. Externally accessible instances are always tenant aware and therefore extend the TenantAwareModel

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

tenantId (optional)

[String](#) A globally unique identifier that represents the tenant that owns this entity. It is automatically assigned by the system and is immutable from an API consumer perspective (some use cases may cause this Id to change - for instance a use case may require the transfer of ownership of the entity, but these cases are handled automatically on the server).

inline_response_200

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[array\[prism.v4.r0.a2.serviceability.Alert\]](#)

inline_response_200_1

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[prism.v4.r0.a2.serviceability.Alert](#)

inline_response_200_10

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/audits/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[prism.v4.r0.a2.serviceability.Audit](#)

inline_response_200_11

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/events Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[array\[prism.v4.r0.a2.serviceability.Event\]](#)

inline_response_200_12

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/events/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.serviceability.Event](#)

inline_response_200_13

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/config/tasks/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.Task](#)

inline_response_200_14

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/config/tasks/{taskExtId}/\$actions/cancel Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.error.AppMessage](#)

inline_response_200_15

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/config/tasks Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[array\[prism.v4.r0.a2.config.Task\]](#)

inline_response_200_16

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/config/categories Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[array\[prism.v4.r0.a2.config.Category\]](#)

inline_response_200_17

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/config/categories/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.Category](#)

inline_response_200_18

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/config/categories/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.Category](#)

inline_response_200_2

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts/email-config Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)

[prism.v4.r0.a2.serviceability.AlertEmailConfiguration](#)

inline_response_200_3

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts/system-defined-policies Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[array\[prism.v4.r0.a2.serviceability.SystemDefinedPolicy\]](#)

inline_response_200_4

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts/system-defined-policies/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.serviceability.SystemDefinedPolicy](#)

inline_response_200_5

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts/user-defined-policies Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[array\[prism.v4.r0.a2.serviceability.UserDefinedPolicy\]](#)

inline_response_200_6

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts/user-defined-policies/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.serviceability.UserDefinedPolicy](#)

inline_response_200_7

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts/user-defined-policies/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.serviceability.UserDefinedPolicy](#)

inline_response_200_8

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts/user-defined-policies/\$actions/find-conflicts Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[array\[prism.v4.r0.a2.serviceability.ConflictingPolicy\]](#)

inline_response_200_9

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/audits Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[array\[prism.v4.r0.a2.serviceability.Audit\]](#)

inline_response_201

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts/user-defined-policies Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.serviceability.UserDefinedPolicy](#)

inline_response_201_1

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/config/categories Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.Category](#)

inline_response_202

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts/\$actions/manage-alerts-bulk Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_1

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts/system-defined-policies/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_4XX

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.error.ErrorResponse](#)

inline_response_4XX_1

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.error.ErrorResponse](#)

inline_response_4XX_10

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts/user-defined-policies/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.error.ErrorResponse](#)

inline_response_4XX_11

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts/user-defined-policies/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.error.ErrorResponse](#)

inline_response_4XX_12

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts/user-defined-policies/\$actions/find-conflicts Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.error.ErrorResponse](#)

inline_response_4XX_13

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/audits Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.error.ErrorResponse](#)

inline_response_4XX_14[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/audits/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.error.ErrorResponse](#)

inline_response_4XX_15[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/events Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.error.ErrorResponse](#)

inline_response_4XX_16[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/events/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.error.ErrorResponse](#)

inline_response_4XX_17[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/config/tasks/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.error.ErrorResponse](#)

inline_response_4XX_18[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/config/tasks/{taskExtId}/\$actions/cancel Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.error.ErrorResponse](#)

inline_response_4XX_19[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/config/tasks Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.error.ErrorResponse](#)

inline_response_4XX_2[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts/email-config Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.error.ErrorResponse](#)

inline_response_4XX_20[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/config/categories Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.error.ErrorResponse](#)

inline_response_4XX_21[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/config/categories Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[prism.v4.r0.a2.error.ErrorResponse](#)

inline_response_4XX_22

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/config/categories/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.error.ErrorResponse](#)

inline_response_4XX_23

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/config/categories/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.error.ErrorResponse](#)

inline_response_4XX_24

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/config/categories/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.error.ErrorResponse](#)

inline_response_4XX_3

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts/\$actions/manage-alerts-bulk Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.error.ErrorResponse](#)

inline_response_4XX_4

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts/system-defined-policies Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.error.ErrorResponse](#)

inline_response_4XX_5

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts/system-defined-policies/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.error.ErrorResponse](#)

inline_response_4XX_6

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts/system-defined-policies/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.error.ErrorResponse](#)

inline_response_4XX_7

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts/user-defined-policies Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.error.ErrorResponse](#)

inline_response_4XX_8

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts/user-defined-policies Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
[prism.v4.r0.a2.error.ErrorResponse](#)

inline_response_4XX_9

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts/user-defined-policies/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
[prism.v4.r0.a2.error.ErrorResponse](#)

prism.v4.r0.a2.common.AlertEntityReference

[Up](#)

type (optional)
[String](#) The type of entity. For example, VM, node, cluster and so on.
 name (optional)
[String](#) The name of the entity.
 extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.
 links (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

prism.v4.r0.a2.common.BoolValue

[Up](#)

boolValue
[Boolean](#)

prism.v4.r0.a2.common.CauseAndResolution

[Up](#)

Possible causes, resolutions and additional details to troubleshoot this alert.

cause (optional)
[String](#) Possible cause for the generated alert/event.
 resolution (optional)
[String](#) Possible resolution for the generated alert/event.

prism.v4.r0.a2.common.ComparisonOperator

[Up](#)

The comparison operator used for the condition evaluation.

prism.v4.r0.a2.common.ConditionType

[Up](#)

Indicating if this symptom is caused by static threshold or anomaly (dynamic threshold) evaluation. If an indicator is raised, there may have another indicator indicating the safeguard zone value.

prism.v4.r0.a2.common.DataType

[Up](#)

Data type of the metric value as stored in database.

prism.v4.r0.a2.common.DoubleValue

[Up](#)

doubleValue
[Double](#) format: double

prism.v4.r0.a2.common.EntityReference

[Up](#)

The source entity associated with the alert/event/audit.

type (optional)
[String](#) The type of entity. For example, VM, node, cluster and so on.
 name (optional)
[String](#) The name of the entity.
 extId (optional)
[String](#) Unique UUID of the entity.

prism.v4.r0.a2.common.ImpactType

[Up](#)

The impact this alert/event will have on the system. For example, availability, performance, capacity and so on.

prism.v4.r0.a2.common.IntValue

[Up](#)

intValue
[Long](#) format: int64

prism.v4.r0.a2.common.MetricDetail

[Up](#)

metricName (optional)
[String](#) The metric key. Allowed values of metrics list can be found at https://portal.nutanix.com/page/documents/details?targetId=Prism-Central-Guide-vpc_2022_9:mul-alerts-user-created-metrics-r.html

metricDisplayName (optional)
[String](#) English readable name of the metric.

unit (optional)
[String](#) Unit of the metric. For example, percentage, ms, usecs and so on.

triggerWaitTime (optional)
[Long](#) How long the metric breached the given condition before raising an event. format: int64

triggerTime (optional)
[Date](#) The time in ISO 8601 format when the event was triggered. format: date-time

comparisonOperator (optional)
[prism.v4.r0.a2.common.ComparisonOperator](#)

conditionType (optional)
[prism.v4.r0.a2.common.ConditionType](#)

metricCategory (optional)
[String](#) Broad category under which this metric falls. For example, Disk, CPU, Memory and so on.

dataType (optional)
[prism.v4.r0.a2.common.DataType](#)

thresholdValue (optional)
[Object](#) The threshold value that was used for the condition evaluation.
 oneOf: [prism.v4.r0.a2.common.StringValue](#) [prism.v4.r0.a2.common.BoolValue](#) [prism.v4.r0.a2.common.DoubleValue](#) [prism.v4.r0.a2.common.IntValue](#)

metricValue (optional)
[Object](#) Raw value of the metric when the condition threshold was exceeded.
 oneOf: [prism.v4.r0.a2.common.StringValue](#) [prism.v4.r0.a2.common.BoolValue](#) [prism.v4.r0.a2.common.DoubleValue](#) [prism.v4.r0.a2.common.IntValue](#)

prism.v4.r0.a2.common.OperationType

[Up](#)

The operation type associated with the audit. For example, CREATE, UPDATE, DELETE and so on.

prism.v4.r0.a2.common.Parameter

[Up](#)

paramName (optional)
[String](#) Name or key of additional parameter for an instance.

paramValue (optional)
[Object](#) Value of additional parameter for an instance.
 oneOf: [prism.v4.r0.a2.common.StringValue](#) [prism.v4.r0.a2.common.BoolValue](#) [prism.v4.r0.a2.common.IntValue](#)

prism.v4.r0.a2.common.Severity

[Up](#)

Severity of an alert

prism.v4.r0.a2.common.StringValue

[Up](#)

stringValue
[String](#)

prism.v4.r0.a2.config.AssociationDetail

[Up](#)

This attribute contains the list of entities and policies which have been assigned the given category.
 These entities are grouped by entity types (like VM or HOST) or policy types (like PROTECTION_POLICY or NGT_POLICY) Each associated object contains the total entities belonging to the given entity type, count, category extId, and references (for example for VM it'd be VM uuid).

categoryId (optional)
[String](#) External identifier for the given category, used across all v4 apis/entities/resources where categories are referenced. The field has UUID format. A type 4 UUID is generated during category creation.

resourceType (optional)

[prism.v4.r0.a2.config.ResourceType](#)

resourceGroup (optional)

[prism.v4.r0.a2.config.ResourceGroup](#)

count (optional)

[Integer](#) Count of associations of a particular type of entity or policy

resourceIdList (optional)

[array\[String\]](#) List of entity or policy UUIDs associated with the particular category.

prism.v4.r0.a2.config.AssociationDetailApiResponse

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/config/categories/{extId}/associations Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.error.ErrorResponse](#)

prism.v4.r0.a2.config.AssociationDetailOld

[Up](#)

This attribute contains the list of entities which have been assigned the given category.
 These entities are grouped by entity types (like VM or HOST) or policy types (like PROTECTION_POLICY or NGT_POLICY).
 Each associated object contains the total entities belonging to the given entity type, category extId, and references (for example for VM it'd be VM UUID).

resourceReferences (optional)

[array\[prism.v4.r0.a2.config.Reference\]](#)

categoryId (optional)

[String](#) External identifier for the given category.

resourceType (optional)

[prism.v4.r0.a2.config.ResourceType](#)

resourceGroup (optional)

[prism.v4.r0.a2.config.ResourceGroup](#)

count (optional)

[Integer](#) <p>Denotes the type of a category.</p> <p>There are three category types: SYSTEM, INTERNAL, USER</p> <p>This field is immutable.</p>

prism.v4.r0.a2.config.AssociationSummary

[Up](#)

This attribute contains the list of entities and policies which have been assigned the given category.
 These entities are grouped by entity types (like VM or HOST) or policy types (like PROTECTION_POLICY or NGT_POLICY) Each associated object contains the total entities belonging to the given entity type, count, category extId, and references (for example for VM it'd be VM uuid).

categoryId (optional)

[String](#) External identifier for the given category, used across all v4 apis/entities/resources where categories are referenced. The field has UUID format. A type 4 UUID is generated during category creation.

resourceType (optional)

[prism.v4.r0.a2.config.ResourceType](#)

resourceGroup (optional)

[prism.v4.r0.a2.config.ResourceGroup](#)

count (optional)

[Integer](#) Count of associations of a particular type of entity or policy

prism.v4.r0.a2.config.Category

[Up](#)

key

[String](#) <p>key when represented as <code>key:value</code> pair.</p> <p>Constraints:</p> A string of maxlength of 64 Character at the start cannot be <code>\$</code> Character <code>/</code> is not allowed anywhere <p>It is a mandatory input field in the payload during category creation. This field stays immutable post creation of the category.</p>

value

[String](#) <p>value when represented as a <code>key:value</code> pair.</p> <p>Constraints:</p> A string of maxlength 64 Character at the start cannot be <code>\$</code> Character <code>/</code> is not allowed anywhere <p>It is a mandatory input field in the payload during category creation. This field can be updated.</p>

type (optional)

[prism.v4.r0.a2.config.CategoryType](#)

description (optional)

[String](#) A string consisting of the description of the category as defined by the user. The server does not validate this value nor does it enforce the uniqueness or any other constraints. It is the responsibility of the user to ensure that any semantic or syntactic constraints are retained when mutating this field.

ownerUuid (optional)

[String](#) This field denotes the owner of this category. It contains the UUID reference of a user who can sign in to Nutanix systems. The logged-in user who created the category becomes the owner of the category. This field can be edited only by a super-admin/legacy/local type of user. This field cannot be

deleted, indicating that a category will always have an owner. It is used for enabling authorization of a particular kind where the user has no access to view/create/update/delete any categories other than the categories created by that user.

associations (optional)

[array\[prism.v4.r0.a2.config.AssociationSummary\]](#) DecRef(associationsFieldDesc)

detailedAssociations (optional)

[array\[prism.v4.r0.a2.config.AssociationDetail\]](#) This is the array field contains associations details. Each association entry has resourceGroup like (ENTITY or POLICY), resourceType(like VM, HOST belonging to ENTITY resourceGroup and NGT_POLICY, PROTECTION_POLICY belonging to POLICY resourceGroup), count (number of entities/policies associated with this category) and resourceIdList (list of entities/policies UUIDs associated with this category). \$expand=detailedAssociations query parameter is supported only for the Get Category By Id API call and it is not supported for List Categories API call.

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

prism.v4.r0.a2.config.CategoryAssociationSummary0ld

[Up](#)

This attribute contains the list of entities which have been assigned the given category.
 These entities are grouped by entity types (like VM or HOST).
 Each associated object contains the total entities belonging to the given entity type, and category extId.

categoryId (optional)

[String](#) External identifier for the given category.

resourceType (optional)

[prism.v4.r0.a2.config.ResourceType](#)

resourceGroup (optional)

[prism.v4.r0.a2.config.ResourceGroup](#)

count (optional)

[Integer](#) <p>Denotes the type of a category.</p> <p>There are three category types: SYSTEM, INTERNAL, USER</p> <p>This field is immutable.</p>

prism.v4.r0.a2.config.CategoryCreateApiResponse

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/config/categories Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.Category](#) [prism.v4.r0.a2.error.ErrorResponse](#)

prism.v4.r0.a2.config.CategoryDeleteApiResponse

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/config/categories/{extId} Delete operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.error.ErrorResponse](#)

prism.v4.r0.a2.config.CategoryGetApiResponse

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/config/categories/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.Category](#) [prism.v4.r0.a2.error.ErrorResponse](#)

prism.v4.r0.a2.config.CategoryListApiResponse

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/config/categories Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.error.ErrorResponse](#)

prism.v4.r0.a2.config.Category0ld

[Up](#)

<p>Denotes the type of a category.</p> <p>There are three category types: SYSTEM, INTERNAL, USER</p> <p>This field is immutable.</p>

metadata (optional)

[array\[common.v1.r0.a3.config.KVPair\]](#) <p>Opaque metadata which can be associated to a category.

 It is a list of key-value pairs.
 For example, for a category 'California/SanJose' we can associate a geographical coordinate based metadata like: {'latitude': '37.3382° N', 'longitude':

'121.8863° W}.</p><p>The server does not validate this value nor does it enforce the uniqueness or any other constraints. It is the responsibility of the user to ensure that any semantic or syntactic constraints are retained when mutating this field.</p>

fqName (optional)

String The fully qualified name of this category. It is unique for each category.
 It is a read-only field. The service constructs it from the name-parentExtId combination. An example of a fqName would be <code>Location/Bangalore</code>, where <code>Location</code> is the parent category's name and <code>Bangalore</code> is the category name.
 This field is immutable.

name

String The short name of this category. It may not be unique for each category.
 It is a mandatory field which must be specified inside the post/put request body.
 This field is immutable.

parentExtId (optional)

String The parent category of this category (may be null if this category is not part of a hierarchy).
 Each category can have at most one parent.
 A parent cannot be deleted until all the children categories are deleted first.
 Must be specified inside the post/put request body for child categories (if not specified, the service assumes the category to be a parent category).
 This field is immutable.

userSpecifiedName (optional)

String <p>The user specified name is a string that the user can specify; with syntax and semantics controlled by the user.</p><p>The server does not validate this value nor does it enforce the uniqueness or any other constraints.
 It is the responsibility of the user to ensure that any semantic or syntactic constraints are retained when mutating this field. Unlike the name of the categories, which is immutable, the user name can be changed by the user to meet their needs.</p>

type (optional)

[prism.v4.r0.a2.config.CategoryType](#)

description (optional)

String <p>A string consisting of the description of the category as defined by the user.</p><p>The server does not validate this value nor does it enforce the uniqueness or any other constraints.
 It is the responsibility of the user to ensure that any semantic or syntactic constraints are retained when mutating this field.</p>

associations (optional)

[array\[prism.v4.r0.a2.config.CategoryAssociationSummaryOld\]](#)

childCategories (optional)

[array\[prism.v4.r0.a2.config.CategorySummaryOld\]](#)

ownerUuid (optional)

String It is a read-only field inserted into category entity at the time of category creation, and which contains the UUID of the user who created this category. It is used for enabling authorization of a particular kind where the user has no access to view/create/update/delete any categories other than the category created by oneself.

prism.v4.r0.a2.config.CategoryPutResponse

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/config/categories/{extId} Put operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.Category](#) [prism.v4.r0.a2.error.ErrorResponse](#)

prism.v4.r0.a2.config.CategorySummaryOld

[Up](#)

fqName (optional)

String The fully qualified name of this category. It is unique for each category.
 It is a read-only field. The service constructs it from the name-parentExtId combination. An example of a fqName would be <code>Location/Bangalore</code>, where <code>Location</code> is the parent category's name and <code>Bangalore</code> is the category name.
 This field is immutable.

name

String The short name of this category. It may not be unique for each category.
 It is a mandatory field which must be specified inside the post/put request body.
 This field is immutable.

parentExtId (optional)

String The parent category of this category (may be null if this category is not part of a hierarchy).
 Each category can have at most one parent.
 A parent cannot be deleted until all the children categories are deleted first.
 Must be specified inside the post/put request body for child categories (if not specified, the service assumes the category to be a parent category).
 This field is immutable.

userSpecifiedName (optional)

String <p>The user specified name is a string that the user can specify; with syntax and semantics controlled by the user.</p><p>The server does not validate this value nor does it enforce the uniqueness or any other constraints.
 It is the responsibility of the user to ensure that any semantic or syntactic constraints are retained when mutating this field. Unlike the name of the categories, which is immutable, the user name can be changed by the user to meet their needs.</p>

type (optional)

[prism.v4.r0.a2.config.CategoryType](#)

description (optional)

String <p>A string consisting of the description of the category as defined by the user.</p> <p>The server does not validate this value nor does it enforce the uniqueness or any other constraints.
 It is the responsibility of the user to ensure that any semantic or syntactic constraints are retained when mutating this field.</p>

associations (optional)

[array\[prism.v4.r0.a2.config.CategoryAssociationSummaryOld\]](#)

childCategories (optional)

[array\[prism.v4.r0.a2.config.CategorySummaryOld\]](#)

ownerUuid (optional)

String It is a read-only field inserted into category entity at the time of category creation, and which contains the UUID of the user who created this category. It is used for enabling authorization of a particular kind where the user has no access to view/create/update/delete any categories other than the category created by oneself.

extId (optional)

String A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

prism.v4.r0.a2.config.CategoryType

[Up](#)

<p>Denotes the type of a category.</p> <p>There are three category types: SYSTEM, INTERNAL, USER</p> <p>This field is immutable.</p>

prism.v4.r0.a2.config.EntityReference

[Up](#)

Details of the entity.

extId (optional)

String A globally unique identifier of the entity.

rel (optional)

String Entity type identified as 'namespace:module[:submodule]:entityType'. For example - vmm:ahv:vm, where vmm is the namespace, ahv is the module and vm is the entitytype.

prism.v4.r0.a2.config.OwnerReference

[Up](#)

Reference to the owner of the task.

extId (optional)

String A globally unique identifier of the task owner.

name (optional)

String Username of the task owner.

prism.v4.r0.a2.config.Reference

[Up](#)

Contains references for entities given in EntityAssociation. This contains the entity ID and a list of links to fetch the associated entities.

resourceId (optional)

String The external identifier of the resource which uniquely identifies it.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#)

prism.v4.r0.a2.config.ResourceGroup

[Up](#)

<p>An enum denoting the resource group. Resources can be organised into either entity or policy. Hence it supports two possible values:</p>
ENTITY POLICY

prism.v4.r0.a2.config.ResourceType

[Up](#)

<p>An enum denoting the associated resource types. Resource types are further grouped into ResourceGroups or a ResourceGroup.
 Following are the supported entity types:</p> <code>VM</code> <code>IMAGE</code> <code>SUBNET</code> <code>CLUSTER</code> <code>HOST</code> <code>REPORT</code> <code>MARKETPLACE_ITEM</code> <code>BLUEPRINT</code> <code>APP</code> <code>BUNDLE</code> <p>Following are the supported policy types:</p> <code>IMAGE_PLACEMENT_POLICY</code> <code>NETWORK_SECURITY_POLICY</code> <code>NETWORK_SECURITY_RULE</code> <code>AFFINITY_RULE</code> <code>QOS_POLICY</code> <code>NGT_POLICY</code> <code>PROTECTION_RULE</code> <code>STORAGE_POLICY</code> <code>IMAGE_RATE_LIMIT</code> <code>RECOVERY_PLAN</code>

prism.v4.r0.a2.config.Task

[Up](#)

The task object tracking an asynchronous operation.

extId (optional)

String A globally unique identifier of a task.

operation (optional)

String The operation name being tracked by the task.

operationDescription (optional)

String Description of the operation being tracked by the task.

parentTask (optional)
[prism.v4.r0.a2.config.TaskReferenceInternal](#)

createdTime (optional)
[Date](#) UTC date and time in RFC-3339 format when the task was created. format: date-time

startedTime (optional)
[Date](#) UTC date and time in RFC-3339 format when the task was started. format: date-time

completedTime (optional)
[Date](#) UTC date and time in RFC-3339 format when the task was completed. format: date-time

status (optional)
[prism.v4.r0.a2.config.TaskStatus](#)

progressPercentage (optional)
[Integer](#) Task progress expressed as a percentage. format: int32

entitiesAffected (optional)
[array\[prism.v4.r0.a2.config.EntityReference\]](#) Reference to entities associated with the task.

subTasks (optional)
[array\[prism.v4.r0.a2.config.TaskReferenceInternal\]](#) Reference to tasks spawned as children of the current task.

subSteps (optional)
[array\[prism.v4.r0.a2.config.TaskStep\]](#) List of steps completed as part of the task.

isCancelable (optional)
[Boolean](#) Signifies if the task can be cancelled.

ownedBy (optional)
[prism.v4.r0.a2.config.OwnerReference](#)

completionDetails (optional)
[array\[common.v1.r0.a3.config.KVPair\]](#) Additional details on the task to aid the user with further actions post completion of the task.

errorMessages (optional)
[array\[prism.v4.r0.a2.error.AppMessage\]](#) Error details explaining a task failure. These would be populated only in the case of task failures.

legacyErrorMessage (optional)
[String](#) Provides an error message in the absence of a well-defined error message for the tasks created through legacy APIs.

warnings (optional)
[array\[prism.v4.r0.a2.error.AppMessage\]](#) Warning messages to alert the user of issues which did not directly cause task failure. These can be populated for any task.

lastUpdatedTime (optional)
[Date](#) UTC date and time in RFC-3339 format when the task was last updated. format: date-time

clusterExtIds (optional)
[array\[String\]](#) List of globally unique identifiers for clusters associated with the task or any of its subtasks.

prism.v4.r0.a2.config.TaskCancelResponse

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/config/tasks/{taskExtId}/\$actions/cancel Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [prism.v4.r0.a2.error.AppMessage](#) [prism.v4.r0.a2.error.ErrorResponse](#)

prism.v4.r0.a2.config.TaskGetResponse

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/config/tasks/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [prism.v4.r0.a2.config.Task](#) [prism.v4.r0.a2.error.ErrorResponse](#)

prism.v4.r0.a2.config.TaskListResponse

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/config/tasks Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [prism.v4.r0.a2.error.ErrorResponse](#)

prism.v4.r0.a2.config.TaskReference

[Up](#)

Reference to a task tracking an asynchronous operation. The status of the task can be queried by making a GET request to the task URI provided in the metadata section of the API response.

extId (optional)

[String](#) A globally unique identifier of a task.

prism.v4.r0.a2.config.TaskReferenceInternal

[Up](#)

Reference to the parent task associated with the current task.

extId (optional)

[String](#) A globally unique identifier of the task.

href (optional)

[String](#) The URL at which the entity described by the link can be accessed.

rel (optional)

[String](#) A name that identifies the relationship of the link to the object that is returned by the URL. The unique value of "self" identifies the URL for the object.

prism.v4.r0.a2.config.TaskStatus

[Up](#)

Status of the task.

prism.v4.r0.a2.config.TaskStep

[Up](#)

A single step in the task.

name (optional)

[String](#) Message describing the completed steps for the task.

prism.v4.r0.a2.error.AppMessage

[Up](#)

This schema is generated from AppMessage.java

message (optional)

[String](#)

severity (optional)

[common.v1.r0.a3.config.MessageSeverity](#)

code (optional)

[String](#)

locale (optional)

[String](#) The locale for the message description.

errorGroup (optional)

[String](#)

argumentsMap (optional)

[map\[String, String\]](#)

prism.v4.r0.a2.error.ErrorResponse

[Up](#)

This schema is auto-generated by the Open API Dev Platform as REST response for 4xx and 5xx error responses.

error (optional)

oneOf: [prism.v4.r0.a2.error.SchemaValidationError](#)

prism.v4.r0.a2.error.MessageSeverity

[Up](#)

Enum schema MessageSeverity

prism.v4.r0.a2.error.SchemaValidationError

[Up](#)

This schema is generated from SchemaValidationError.java

timestamp (optional)

[String](#)

statusCode (optional)

[Integer](#)

error (optional)

[String](#)

path (optional)

[String](#)

validationErrorMessage (optional)

[array\[prism.v4.r0.a2.error.SchemaValidationErrorMessage\]](#)

prism.v4.r0.a2.error.SchemaValidationErrorMessage

[Up](#)

This schema is generated from SchemaValidationErrorMessage.java

location (optional)

[String](#)

message (optional)

[String](#)

attributePath (optional)

[String](#)**prism.v4.r0.a2.serviceability.ActionType**[Up](#)

An alert can be resolved or acknowledged.

prism.v4.r0.a2.serviceability.Alert[Up](#)

isAcknowledged (optional)

[Boolean](#) Field specifies if the alert is acknowledged or not.

acknowledgedByUsername (optional)

[String](#) Name of the user who acknowledged this alert.

acknowledgedTime (optional)

[Date](#) The time in ISO 8601 format when the alert was acknowledged. format: date-time

isAutoResolved (optional)

[Boolean](#) Field specifies if the alert is auto resolved or not.

isResolved (optional)

[Boolean](#) Field specifies if the alert is resolved or not.

resolvedByUsername (optional)

[String](#) Name of the user who resolved this alert.

resolvedTime (optional)

[Date](#) The time in ISO 8601 format when the alert was resolved. format: date-time

sourceEntity (optional)

[prism.v4.r0.a2.common.AlertEntityReference](#)

affectedEntities (optional)

[array\[prism.v4.r0.a2.common.EntityReference\]](#) List of all entities that are affected by the alert.

severityTrails (optional)

[array\[prism.v4.r0.a2.serviceability.SeverityTrail\]](#) Contains information on the severity change history for alerts. If an alert was de-duplicated without change in severity, then no trail will be present.

metricDetails (optional)

[array\[prism.v4.r0.a2.common.MetricDetail\]](#) Details of the metric for a metric-based event.

title (optional)

[String](#) Title of the alert.

alertType (optional)

[String](#) A preconfigured or dynamically generated unique value for each alert type. For example, A1128 for storage pool space exceeded alerts.

classifications (optional)

[array\[String\]](#) Various categories into which this alert type can be classified into. For example, Hardware, Storage, License and so on.

clusterUUID (optional)

[String](#) Cluster UUID associated with the source entity of the alert.

creationTime (optional)

[Date](#) Time in ISO 8601 format when the alert was created. format: date-time

impactTypes (optional)

[array\[prism.v4.r0.a2.common.ImpactType\]](#) The impact this alert/event will have on the system. For example, availability, performance, capacity and so on.

lastUpdatedTime (optional)

[Date](#) Time in ISO 8601 format when the alert was last updated. format: date-time

message (optional)

[String](#) Additional message associated with the alert.

originatingClusterUUID (optional)

[String](#) Cluster UUID associated with the cluster where the alert was first raised.

severity (optional)

[prism.v4.r0.a2.common.Severity](#)

isUserDefined (optional)

[Boolean](#) Flag to indicate if the alert was generated from a user defined alert policy.

parameters (optional)

[array\[prism.v4.r0.a2.common.Parameter\]](#) Additional parameters associated with the alert. These parameters can be used to indicate custom key-value pairs for a given alert instance. For example, Service down in Prism Central alert can have the service name as a parameter.

serviceName (optional)

[String](#) The service that raised the alert. For internal Nutanix services, this value is set to "Nutanix".

rootCauseAnalysis (optional)

[array\[prism.v4.r0.a2.serviceability.RootCauseAnalysis\]](#) Possible causes, resolutions and additional details to troubleshoot this alert.

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

prism.v4.r0.a2.serviceability.AlertActionSpec

[Up](#)

An alert can be resolved or acknowledged.

actionType

[prism.v4.r0.a2.serviceability.ActionType](#)

prism.v4.r0.a2.serviceability.AlertApiResponse

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.serviceability.Alert](#)

[prism.v4.r0.a2.error.ErrorResponse](#)

prism.v4.r0.a2.serviceability.AlertConfigExceptionGroup

[Up](#)

autoResolve (optional)

[prism.v4.r0.a2.serviceability.AutoResolve](#)

clusterUuids (optional)

[array\[String\]](#) List of cluster UUIDs on which the exceptions can be set.

severityThresholdInfos (optional)

[array\[prism.v4.r0.a2.serviceability.SeverityThresholdInfo\]](#) Enable/Disable for each severity information.

prism.v4.r0.a2.serviceability.AlertDb

[Up](#)

protobuf (optional)

[String](#)

isAcknowledged (optional)

[Boolean](#)

serviceName (optional)

[String](#)

severity (optional)

[prism.v4.r0.a2.common.Severity](#)

isAutoResolved (optional)

[Boolean](#)

isResolved (optional)

[Boolean](#)

alertType (optional)

[String](#)

classifications (optional)

[array\[String\]](#)

originatingClusterUUID (optional)

[String](#)

creationTime (optional)

[Date](#) format: date-time

impactTypes (optional)

[array\[String\]](#)

lastUpdatedTime (optional)

[Date](#) format: date-time

acknowledgedTime (optional)

[Date](#) format: date-time

resolvedTime (optional)

[Date](#) format: date-time

sourceEntity (optional)

[prism.v4.r0.a2.common.AlertEntityReference](#)

cluster (optional)

[array\[String\]](#)

isUserDefined (optional)

[Boolean](#)

resolvedByUsername (optional)

[String](#)

acknowledgedByUsername (optional)

[String](#)

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.**prism.v4.r0.a2.serviceability.AlertEmailConfiguration**[Up](#)

defaultNutanixEmail (optional)

[String](#) The default Nutanix email ID to which alert emails would be sent.

isEnabled (optional)

[Boolean](#) Indicates whether alert emails should be enabled or not.

hasDefaultNutanixEmail (optional)

[Boolean](#) Indicates whether alert emails should be enabled or not on default Nutanix email ID.

isEmailDigestEnabled (optional)

[Boolean](#) Indicates whether alert email digest should be enabled or not.

isEmptyAlertEmailDigestSkipped (optional)

[Boolean](#) Send alert email digest only if there are one or more alerts.

emailConfigRules (optional)

[array\[prism.v4.r0.a2.serviceability.EmailConfigurationRule\]](#) Rules for email configuration.

emailContactList (optional)

[array\[String\]](#) List of email contacts.

emailTemplate (optional)

[prism.v4.r0.a2.serviceability.EmailTemplate](#)

tunnelDetails (optional)

[prism.v4.r0.a2.serviceability.RemoteTunnelDetails](#)

alertEmailDigestSendTime (optional)

[String](#) Time in HH:mm format when the alert email digest is to be sent daily.

alertEmailDigestSendTimezone (optional)

[String](#) Timezone for the time at which the alert email digest is to be sent daily.

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.**prism.v4.r0.a2.serviceability.AlertEmailConfigurationApiResponse**[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts/email-config Put operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[oneOf: prism.v4.r0.a2.serviceability.AlertEmailConfiguration](#)[prism.v4.r0.a2.error.ErrorResponse](#)**prism.v4.r0.a2.serviceability.AlertListApiResponse**[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[oneOf: prism.v4.r0.a2.error.ErrorResponse](#)**prism.v4.r0.a2.serviceability.Audit**[Up](#)

sourceEntity (optional)

[prism.v4.r0.a2.common.EntityReference](#)

clusterReference (optional)

[prism.v4.r0.a2.common.EntityReference](#)

affectedEntities (optional)

[array\[prism.v4.r0.a2.common.EntityReference\]](#) List of all entities that are affected by the event/audit.

operationType (optional)

[prism.v4.r0.a2.common.OperationType](#)

message (optional)

[String](#) Additional message associated with the audit.

parameters (optional)

[array\[prism.v4.r0.a2.common.Parameter\]](#) Additional parameters associated with the audit. These parameters can be used to indicate custom key-value pairs for a given audit instance. For example, a service down audit in Prism Central can have the service name as a parameter.

operationStartTime (optional)

[Date](#) The audit operation start time in ISO 8601 format. format: date-time

operationEndTime (optional)

[Date](#) The audit operation end time in ISO 8601 format. format: date-time

userReference (optional)

[prism.v4.r0.a2.serviceability.UserReference](#)

serviceName (optional)

[String](#) The service which raised the event/audit. For internal Nutanix services, this value is set to "Nutanix".

auditType (optional)

[String](#) The unique name for a given audit type. For example, VMCloneAudit, VMDeleteAudit and so on.

status (optional)

[prism.v4.r0.a2.serviceability.Status](#)

creationTime (optional)

[Date](#) The time in ISO 8601 format when the audit was created. format: date-time

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

prism.v4.r0.a2.serviceability.AuditApiResponse[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/audits/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.serviceability.Audit](#)

[prism.v4.r0.a2.error.ErrorResponse](#)

prism.v4.r0.a2.serviceability.AuditDb[Up](#)

extId (optional)

[String](#)

protobuf (optional)

[String](#)

userReference (optional)

[prism.v4.r0.a2.serviceability.UserReference](#)

operationType (optional)

[prism.v4.r0.a2.common.OperationType](#)

sourceEntity (optional)

[prism.v4.r0.a2.serviceability.AuditEntityReference](#)

auditType (optional)

[String](#)

creationTime (optional)

[Date](#) format: date-time

operationStartTime (optional)

[Date](#) format: date-time

operationEndTime (optional)

[Date](#) format: date-time

status (optional)

[prism.v4.r0.a2.serviceability.Status](#)

message (optional)

[String](#)

prism.v4.r0.a2.serviceability.AuditEntityReference[Up](#)

type (optional)

[String](#)

name (optional)

[String](#)

extId (optional)
[String](#)

prism.v4.r0.a2.serviceability.AuditListApiResponse

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/audits Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a2.error.ErrorResponse](#)

prism.v4.r0.a2.serviceability.AutoResolve

[Up](#)

Auto resolve status for this system defined alert policy on specified cluster.

prism.v4.r0.a2.serviceability.CommunicationStatus

[Up](#)

Status of the remote tunnel or service that is running on top of the remote tunnel. For example, pulse, alert email and so on.

lastCheckedTime (optional)
[Date](#) Last checked time. format: date-time
 lastChangedTime (optional)
[Date](#) Last changed time. format: date-time
 lastSuccessfulTransmissionTime (optional)
[Date](#) Last successful transmission time. format: date-time
 status (optional)
[prism.v4.r0.a2.serviceability.ConnectionStatus](#)
 message (optional)
[prism.v4.r0.a2.serviceability.ParameterizedMessage](#)

prism.v4.r0.a2.serviceability.Condition

[Up](#)

metricName
[String](#) The metric key. Allowed values of metrics list can be found at
https://portal.nutanix.com/page/documents/details?targetId=Prism-Central-Guide-vpc_2022_9:mul-alerts-user-created-metrics-r.html
 operator
[prism.v4.r0.a2.common.ComparisonOperator](#)
 thresholdValue
[Object](#) The threshold value that was used for the condition evaluation.
 oneOf: [prism.v4.r0.a2.common.DoubleValue](#) [prism.v4.r0.a2.common.IntValue](#)

prism.v4.r0.a2.serviceability.ConflictingPolicy

[Up](#)

Details of the policy conflicting with a given user-defined alert policy.

extId
[String](#) Unique UUID associated with the user-defined alert policy which conflicts with the given policy.

prism.v4.r0.a2.serviceability.ConnectionStatus

[Up](#)

prism.v4.r0.a2.serviceability.CreateUdaPolicyApiResponse

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts/user-defined-policies Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a2.serviceability.UserDefinedPolicy](#)
[prism.v4.r0.a2.error.ErrorResponse](#)

prism.v4.r0.a2.serviceability.DeleteUdaPolicyApiResponse

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts/user-defined-policies/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a2.error.ErrorResponse](#)

prism.v4.r0.a2.serviceability.EmailConfigurationRule

[Up](#)

Status of remote tunnel that is used to send alert emails.

clusterUuids (optional)

[array\[String\]](#) Cluster UUIDs to which this rule applies to.

impactTypes (optional)

[array\[prism.v4.r0.a2.common.ImpactType\]](#)

hasGlobalEmailContactList (optional)

[Boolean](#)

matchPhrases (optional)

[array\[String\]](#) List of phrases to match the alert with.

recipients (optional)

[array\[String\]](#) List of recipients who will receive emails.

severities (optional)

[array\[prism.v4.r0.a2.common.Severity\]](#)

isEnabled (optional)

[Boolean](#) Indicates if the configuration rule is enabled or not.

prism.v4.r0.a2.serviceability.EmailTemplate

[Up](#)

Email template.

bodySuffix (optional)

[String](#) Suffix for the email body.

subjectPrefix (optional)

[String](#) Prefix for the email subject.

prism.v4.r0.a2.serviceability.EntityFilter

[Up](#)

Entity UUID on which the user-defined alert policy should be set up. This should be UUID related to the entity type.

extId

[String](#) Entity UUID on which the user-defined alert policy should be set up. This should be UUID related to the entity type.

prism.v4.r0.a2.serviceability.Event

[Up](#)

sourceEntity (optional)

[prism.v4.r0.a2.common.EntityReference](#)

affectedEntities (optional)

[array\[prism.v4.r0.a2.common.EntityReference\]](#) List of all entities that are affected by the event/audit.

metricDetails (optional)

[array\[prism.v4.r0.a2.common.MetricDetail\]](#) Details of the metric for a metric-based event.

eventType (optional)

[String](#) A preconfigured or dynamically generated unique value for each event type.

classifications (optional)

[array\[String\]](#) Various categories into which this event type can be classified. For example, Hardware, Storage, License and so on.

sourceClusterUUID (optional)

[String](#) Cluster UUID associated with the source entity of the event.

creationTime (optional)

[Date](#) The time in ISO 8601 format when the event was created. format: date-time

message (optional)

[String](#) Additional message associated with the event.

clusterUUID (optional)

[String](#) Cluster UUID associated with the cluster where the event was first raised.

parameters (optional)

[array\[prism.v4.r0.a2.common.Parameter\]](#) Additional parameters associated with the event. These parameters can be used to indicate custom key-value pairs for a given event instance. For example, a service down event in Prism Central can have the service name as a parameter.

serviceName (optional)

[String](#) The service which raised the event/audit. For internal Nutanix services, this value is set to "Nutanix";.

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

prism.v4.r0.a2.serviceability.EventApiResponse

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/events/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a2.serviceability.Event](#)
[prism.v4.r0.a2.error.ErrorResponse](#)

prism.v4.r0.a2.serviceability.EventDb

[Up](#)

protobuf (optional)
[String](#)
 eventType (optional)
[String](#)
 classifications (optional)
[array\[String\]](#)
 creationTime (optional)
[Date](#) format: date-time
 sourceEntity (optional)
[prism.v4.r0.a2.common.AlertEntityReference](#)
 extId (optional)
[String](#)
 message (optional)
[String](#)

prism.v4.r0.a2.serviceability.EventListApiResponse

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/events Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a2.error.ErrorResponse](#)

prism.v4.r0.a2.serviceability.GetSdaPolicyApiResponse

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts/system-defined-policies/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a2.serviceability.SystemDefinedPolicy](#)
[prism.v4.r0.a2.error.ErrorResponse](#)

prism.v4.r0.a2.serviceability.GetUdaPolicyApiResponse

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts/user-defined-policies/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a2.serviceability.UserDefinedPolicy](#)
[prism.v4.r0.a2.error.ErrorResponse](#)

prism.v4.r0.a2.serviceability.GroupEntityType

[Up](#)

The allowed entity types which can be used to filter the set of entities on which user-defined alert policy is setup.

prism.v4.r0.a2.serviceability.GroupFilter

[Up](#)

Group of entities on which the user-defined alert policy should be set up.

extId
[String](#) Entity UUID of the group entity type on which the user-defined alert policy should be set up.
 type
[prism.v4.r0.a2.serviceability.GroupEntityType](#)

prism.v4.r0.a2.serviceability.HttpProxy

[Up](#)

Http proxy used to establish remote tunnel.

name (optional)
[String](#) Proxy name.
 addressValue (optional)
[common.v1.r0.a3.config.IPAddressOrFQDN](#)

port (optional)
[Integer](#) Port on which proxy is binding. format: int32

username (optional)
[String](#) Username for proxy authentication.

password (optional)
[String](#) Password for proxy authentication.

proxyTypes (optional)
[array\[prism.v4.r0.a2.serviceability.ProxyType\]](#) Proxy types to send applicable traffic.

prism.v4.r0.a2.serviceability.ListConflictingUdaPoliciesApiResponse

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts/user-defined-policies/\$actions/find-conflicts Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [prism.v4.r0.a2.error.ErrorResponse](#)

prism.v4.r0.a2.serviceability.ListSdaPoliciesApiResponse

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts/system-defined-policies Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [prism.v4.r0.a2.error.ErrorResponse](#)

prism.v4.r0.a2.serviceability.ListUdaPoliciesApiResponse

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts/user-defined-policies Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [prism.v4.r0.a2.error.ErrorResponse](#)

prism.v4.r0.a2.serviceability.ManageAlertTaskApiResponse

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts/\$actions/manage-alerts-bulk Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [prism.v4.r0.a2.config.TaskReference](#)
[prism.v4.r0.a2.error.ErrorResponse](#)

prism.v4.r0.a2.serviceability.ManageAlertsBulk

[Up](#)

uuids
[array\[String\]](#) Unique identifiers for alerts that can be resolved or acknowledged.

actionType
[prism.v4.r0.a2.serviceability.ActionType](#)

prism.v4.r0.a2.serviceability.ParameterizedMessage

[Up](#)

To store any custom message and attributes.

message (optional)
[String](#)

attributes (optional)
[array\[common.v1.r0.a3.config.KVStringPair\]](#)

prism.v4.r0.a2.serviceability.ProxyType

[Up](#)

prism.v4.r0.a2.serviceability.RelatedPolicy

[Up](#)

An alert policy that is related to the entities of the current policy.

entityUuid
[String](#) Uuid of the entity to which the UDA policy is associated.

policyIds
[array\[String\]](#) Policy IDs that are related to the specified entity.

prism.v4.r0.a2.serviceability.RemoteTunnelDetails[Up](#)

Remote tunnel details associated with the email configuration.

httpProxy (optional)
[prism.v4.r0.a2.serviceability.HttpProxy](#)

serviceCenter (optional)
[prism.v4.r0.a2.serviceability.ServiceCenter](#)

connectionStatus (optional)
[prism.v4.r0.a2.serviceability.CommunicationStatus](#)

transportStatus (optional)
[prism.v4.r0.a2.serviceability.CommunicationStatus](#)

prism.v4.r0.a2.serviceability.RootCauseAnalysis[Up](#)

cause (optional)
[String](#) Possible causes to this alert.

resolution (optional)
[String](#) Possible resolutions to troubleshoot this alert.

detail (optional)
[String](#) Additional details to troubleshoot this alert.

extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

prism.v4.r0.a2.serviceability.ServiceCenter[Up](#)

Service center to which remote tunnel is connected at Nutanix's end.

name (optional)
[String](#) Name of service center.

ipAddress (optional)
[String](#) IP address of the service center.

username (optional)
[String](#) Username.

port (optional)
[Integer](#) Port number. format: int32

prism.v4.r0.a2.serviceability.SeverityThresholdInfo[Up](#)

Enable/Disable for each severity information.

severity (optional)
[prism.v4.r0.a2.common.Severity](#)

isEnabled (optional)
[Boolean](#) Indicates if the system defined policy is enabled for a given severity.

prism.v4.r0.a2.serviceability.SeverityTrail[Up](#)

Contains information on the severity change history for alerts. If an alert was de-duplicated without change in severity, then no trail will be present.

severity (optional)
[prism.v4.r0.a2.common.Severity](#)

severityChangeTime (optional)
[Date](#) The time in ISO 8601 format when the severity of the alert was changed. format: date-time

prism.v4.r0.a2.serviceability.Status[Up](#)

The status of the operation captured by the audit.

prism.v4.r0.a2.serviceability.SystemDefinedPolicy[Up](#)

extId (optional)
[String](#) UID of the system defined alert policy.

alertTypeId (optional)
[String](#) System defined alert policy ID.

affectedEntityTypes (optional)
[array\[String\]](#) Affected entity types.

autoResolve (optional)
[prism.v4.r0.a2.serviceability.AutoResolve](#)

classifications (optional)

[array\[String\]](#) Various categories into which this alert type can be classified into. For example, Hardware, Storage, License and so on.

impactTypes (optional)

[array\[prism.v4.r0.a2.common.ImpactType\]](#) Impact types to which this rule applies to.

kbArticles (optional)

[array\[String\]](#) List of KB article numbers.

message (optional)

[String](#) Message for a system defined alert policy.

modifiedByUsername (optional)

[String](#) Name of the user who last modified the system defined alert policy.

modifiedTime (optional)

[Date](#) Time in ISO 8601 format for when the system defined alert policy was last modified. format: date-time

causeAndResolutions (optional)

[array\[prism.v4.r0.a2.common.CauseAndResolution\]](#) Possible causes, resolutions and additional details to troubleshoot this alert.

severityThresholdInfos (optional)

[array\[prism.v4.r0.a2.serviceability.SeverityThresholdInfo\]](#) Enable/Disable for each severity information.

title (optional)

[String](#) Title of a system defined alert policy.

smartTitle (optional)

[String](#) Title for the alert policy which can include dynamic parameters like IP address, VM name and so on.

isTenantSpecific (optional)

[Boolean](#) Indicates whether this system defined alert policy is specific to the tenant or not.

alertConfigExceptionGroups (optional)

[array\[prism.v4.r0.a2.serviceability.AlertConfigExceptionGroup\]](#) List of clusters that have their alert configurable parameters different from that of in Prism Central.

exceptionCount (optional)

[Long](#) Numbers of clusters having exceptions with respect to alert config. format: int64

tenantId (optional)

[String](#) A globally unique identifier that represents the tenant that owns this entity. It is automatically assigned by the system and is immutable from an API consumer perspective (some use cases may cause this id to change - for instance a use case may require the transfer of ownership of the entity, but these cases are handled automatically on the server).

prism.v4.r0.a2.serviceability.TriggerCondition

[Up](#)

conditionType

[prism.v4.r0.a2.common.ConditionType](#)

condition

[prism.v4.r0.a2.serviceability.Condition](#)

severityLevel

[prism.v4.r0.a2.common.Severity](#)

prism.v4.r0.a2.serviceability.UpdateSdaPolicyApiResponse

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts/system-defined-policies/{extId} Put operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#)

[prism.v4.r0.a2.error.ErrorResponse](#)

prism.v4.r0.a2.serviceability.UpdateUdaPolicyApiResponse

[Up](#)

REST response for all response codes in API path /prism/v4.0.a2/serviceability/alerts/user-defined-policies/{extId} Put operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.serviceability.UserDefinedPolicy](#)

[prism.v4.r0.a2.error.ErrorResponse](#)

prism.v4.r0.a2.serviceability.UserDefinedPolicy

[Up](#)

title

[String](#) Title of the policy.

description (optional)

[*String*](#) Description of the policy.

isEnabled (optional)

[*Boolean*](#) Enable/Disable flag for the policy.

isAutoResolved (optional)

[*Boolean*](#) Indicates whether the auto resolve feature is enabled for this policy.

filters (optional)

Filter criteria for narrowing down the entities on which user-defined alert policies can be setup.

triggerConditions

[*array\[prism.v4.r0.a2.serviceability.TriggerCondition\]*](#) Trigger conditions for the policy. If there are multiple trigger conditions, all of them will be considered during the operation.

impactTypes (optional)

[*array\[prism.v4.r0.a2.common.ImpactType\]*](#) Impact Types for the associated resulting alert.

createdBy (optional)

[*String*](#) Username of the user who created the policy.

lastUpdateTime (optional)

[*Date*](#) Last updated time of the policy in ISO 8601 format. This value will be used as the CAS value during updates. format: date-time

isExpectedToErrorOnConflict (optional)

[*Boolean*](#) Error if conflicting alert policies are found.

policiesToOverride (optional)

[*array\[String\]*](#) List of IDs of the alert policies that should be overridden.

triggerWaitPeriod (optional)

[*Long*](#) Waiting duration in seconds before triggering the alert, when the specified condition is met. format: int64

relatedPolicies (optional)

[*array\[prism.v4.r0.a2.serviceability.RelatedPolicy\]*](#) List of alert policies that are related to the entities of the current policy.

entityType

[*String*](#) Entity type associated with the user-defined alert policy. Allowed values are vm, node and cluster.

extId (optional)

[*String*](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[*array\[common.v1.r0.a3.response.ApiLink\]*](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

prism.v4.r0.a2.serviceability.UserReference

[Up](#)

Reference to the user who initiated the operation being audited.

extId (optional)

[*String*](#) Unique UUID of the user who initiated the operation.

name (optional)

[*String*](#) The name of the user who initiated the operation.

ipAddress (optional)

[*String*](#) The IP address from where the operation was triggered.

Nutanix Storage Versioned APIs

Manages volume groups and storage containers in Nutanix cluster.

More information: <https://helloverb.com>

Contact Info: hello@helloverb.com

Version: 4.0.1-alpha-3

BasePath: /api

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Access

1. HTTP Basic Authentication

Methods

[[Jump to Models](#)]

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- [POST /storage/v4.0.a3/config/storage-containers/{containerExtId}/\\$actions/unmount](#)
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StorageContainer

POST /storage/v4.0.a3/config/storage-containers/{containerExtId}/\$actions/mount [Up](#)

Add a Data Store instance to the cluster. (**addDataStoreForCluster**)

Add a Data Store instance to the cluster.

Path parameters

containerExtId (required)

Path Parameter — Uuid of the storage container.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [storage.v4.r0.a3.config.DataStoreMount](#) (required)

Body Parameter —

Return type

[inline response 202](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
```

```

    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**

Http Status code when the request has been accepted by the server but has not been completed yet. The Location Header contains the URL of the Task object that can be used to track the status of the request. [inline response 202](#)

default

Default Error Response. [storage.v4.r0.a3.config.StorageContainerTaskResponse](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

POST /storage/v4.0.a3/config/storage-containers

[Up](#)

Add a Storage Container instance to the cluster. ([addStorageContainerForCluster](#))

Add a Storage Container instance to the cluster.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [storage.v4.r0.a3.config.StorageContainer](#) (required)
Body Parameter —

Request headers**Return type**

[inline response 202](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ]
  }
}

```

```

    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**

Http Status code when the request has been accepted by the server but has not been completed yet. The Location Header contains the URL of the Task object that can be used to track the status of the request. [inline response 202](#)

default

Default Error Response. [storage.v4.r0.a3.config.StorageContainerTaskResponse](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

POST /storage/v4.0.a3/config/storage-containers/{containerExtId}/\$actions/unmount Up

delete a Data Store instance in the cluster. (**deleteDataStoreForCluster**)

delete a Data Store instance in the cluster.

Path parameters

containerExtId (required)

Path Parameter — Uuid of the storage container.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [storage.v4.r0.a3.config.DataStoreUnmount](#) (required)

Body Parameter —

Return type

[inline response 202 1](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",

```

```

    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
}, {
  "data" : ""
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**

Http Status code when the request has been accepted by the server but has not been completed yet. The Location Header contains the URL of the Task object that can be used to track the status of the request. [inline response 202_1](#)

default

Default Error Response. [storage.v4.r0.a3.config.DataStoreTaskResponse](#)

4XX

Client error response [inline response 4XX_3](#)

5XX

Server error response [inline response 4XX_3](#)

DELETE /storage/v4.0.a3/config/storage-containers/{containerExtId}

[Up](#)

Delete an existing storage container. (`deleteStorageContainerByExtId`)

Delete an existing storage container.

Path parameters

containerExtId (required)

Path Parameter – Uuid of the storage container.

Request headers**Query parameters**

ignoreSmallFiles (optional)

Query Parameter – default: true

Return type

[inline response 202](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",

```

```

    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202
Http Status code when the request has been accepted by the server but has not been completed yet. The Location Header contains the URL of the Task object that can be used to track the status of the request. [inline response 202](#)

default

Default Error Response. [storage.v4.r0.a3.config.StorageContainerTaskResponse](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

GET /storage/v4.0.a3/config/storage-containers

[Up](#)

Get the list of all storage containers configured in the cluster. ([getAllStorageContainers](#))

Get the list of all storage containers configured in the cluster.

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 0 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. The filter can be applied on the following fields:

- affinityHostUuid
- clusterExtId
- containerExtId
- containerId
- name
- ownerUuid
- replicationFactor
- storagePoolUuid

\$orderby (optional)

Query Parameter —

A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, 'orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- name

\$select (optional)

Query Parameter —

A URL query parameter that allows clients to request a specific set of properties for each entity or complex type. Expression specified with the \$select must conform to the OData V4.01 URL conventions. If a \$select expression consists of a single select item that is an asterisk (i.e. *), then all properties on the matching resource will be returned.

- advertisedCapacity
- affinityHostUuid
- clusterExtId
- compressionDelayInSecs
- compressionEnabled
- containerExtId
- containerId
- downMigrateTimesInSecs
- enableSoftwareEncryption
- encrypted
- erasureCode
- erasureCodeDelaySecs
- extId
- fingerPrintOnWrite
- inlineEcEnabled
- isNfsWhitelistInherited
- isNutanixManaged
- links
- mappedRemoteContainers
- markedForRemoval
- maxCapacity
- name
- nfsWhitelistAddress
- onDiskDedup
- oplogReplicationFactor
- ownerUuid
- preferHigherECFaultDomain
- randomIoPreference
- replicationFactor
- seqIoPreference

```
<li>storagePoolUuid</li> <li>tenantId</li> <li>totalExplicitReservedCapacity</li>
<li>totalImplicitReservedCapacity</li> <li>vstoreNameList</li> </ul>
```

Return type[inline response 200](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**HTTP status code when request is successful. [inline response 200](#)**default**Default Error Response. [storage.v4.r0.a3.config.StorageContainersResponse](#)**4XX**Client error response [inline response 4XX](#)**5XX**Server error response [inline response 4XX](#)

GET /storage/v4.0.a3/config/storage-containers/datastores

[Up](#)Get the datastore. (**getDataStores**)

Get the datastore.

Query parameters**\$filter (optional)***Query Parameter* — <p>A URL query parameter that allows clients to filter a collection of resources.

The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. The filter can be applied on the following fields:</p> containerExtId

Return type

[inline response 200 2](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**HTTP status code when request is successful. [inline response 200 2](#)**default**Default Error Response. [storage.v4.r0.a3.config.DataStoreResponse](#)**4XX**Client error response [inline response 4XX 4](#)**5XX**Server error response [inline response 4XX 4](#)

GET /storage/v4.0.a3/config/storage-containers/{containerExtId}

[Up](#)

Get the attributes of an existing storage container. (getStorageContainerByExtId)

Get the attributes of an existing storage container.

Path parameters**containerExtId (required)***Path Parameter* – Uuid of the storage container.**Return type**[inline response 200 1](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
```

```

    "name" : "name",
    "value" : false
  }, {
    "name" : "name",
    "value" : false
  } ],
  "messages" : [ {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

HTTP status code when request is successful. [inline response 200_1](#)

default

Default Error Response. [storage.v4.r0.a3.config.StorageContainerResponse](#)

4XX

Client error response [inline response 4XX_2](#)

5XX

Server error response [inline response 4XX_2](#)

PUT /storage/v4.0.a3/config/storage-containers/{containerExtId}

[Up](#)

Updates the attributes of an existing storage container. ([updateStorageContainer](#))

Updates the attributes of an existing storage container.

Path parameters

containerExtId (required)

Path Parameter – Uuid of the storage container.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [storage.v4.r0.a3.config.StorageContainer](#) (required)

Body Parameter –

Request headers**Return type**

[inline response 202](#)

Example data

Content-Type: application/json


```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Http Status code when the request has been accepted by the server but has not been completed yet. The Location Header contains the URL of the Task object that can be used to track the status of the request. [inline response 202](#)

default

Default Error Response. [storage.v4.r0.a3.config.StorageContainerTaskResponse](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

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common.v1.r0.a3.config.FQDN

[Up](#)

A fully qualified domain name specifying its exact location in the tree hierarchy of the Domain Name System.

value (optional)
[String](#)

common.v1.r0.a3.config.Flag

[Up](#)

Many entities in the Nutanix APIs carry flags. This object captures all the flags associated with that entity through this object. The field that hosts this type of object must have an attribute called x-bounded-map-keys that tells which flags are actually present for that entity.

name (optional)
[String](#)

value (optional)
[Boolean](#)

common.v1.r0.a3.config.IPAddressOrFQDN

[Up](#)

An unique address that identifies a device on the internet or a local network in IPv4/IPv6 format or a Fully Qualified Domain Name.

ipv4 (optional)
[common.v1.r0.a3.config.IPv4Address](#)

ipv6 (optional)
[common.v1.r0.a3.config.IPv6Address](#)

fqdn (optional)
[common.v1.r0.a3.config.FQDN](#)

common.v1.r0.a3.config.IPv4Address

[Up](#)

value (optional)
[String](#)

prefixLength (optional)
[Integer](#) The prefix length of the network to which this host IPv4 address belongs. format: int32

common.v1.r0.a3.config.IPv6Address

[Up](#)

value (optional)
[String](#)

prefixLength (optional)
[Integer](#) The prefix length of the network to which this host IPv6 address belongs. format: int32

common.v1.r0.a3.config.KVPair

[Up](#)

A map describing a set of keys and their corresponding values.

name (optional)
[String](#) The key of this key-value pair

value (optional)
 The value associated with the key for this key-value pair
oneOf:

common.v1.r0.a3.config.Message[Up](#)

code (optional)

[String](#) A code that uniquely identifies a message.

message (optional)

[String](#)

locale (optional)

[String](#) The locale for the message description.

severity (optional)

[common.v1.r0.a3.config.MessageSeverity](#)**common.v1.r0.a3.config.MessageSeverity**[Up](#)

The message severity.

common.v1.r0.a3.config.TenantAwareModel[Up](#)

A model base class whose instances are bound to a specific tenant. This model adds a tenantId to the base model class that it extends and is automatically set by the server.

tenantId (optional)

[String](#) A globally unique identifier that represents the tenant that owns this entity. It is automatically assigned by the system and is immutable from an API consumer perspective (some use cases may cause this id to change - for instance a use case may require the transfer of ownership of the entity, but these cases are handled automatically on the server).

common.v1.r0.a3.response.ApiLink[Up](#)

A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

href (optional)

[String](#) The URL at which the entity described by this link can be accessed.

rel (optional)

[String](#) A name that identifies the relationship of this link to the object that is returned by the URL. The special value of "self" identifies the URL for the object.

common.v1.r0.a3.response.ApiResponseMetadata[Up](#)

The metadata associated with an API response. Always present and minimally contains the self-link for the API request that produced this response. Also contains pagination data for paginated requests.

flags (optional)

[array\[common.v1.r0.a3.config.Flag\]](#)

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#)

totalAvailableResults (optional)

[Integer](#) format: int32

messages (optional)

[array\[common.v1.r0.a3.config.Message\]](#)

extraInfo (optional)

[array\[common.v1.r0.a3.config.KVPair\]](#) An array of entity-specific metadata**common.v1.r0.a3.response.ExternalizableAbstractModel**[Up](#)

A model that represents an object instance that is accessible through an API endpoint. Instances of this type get an extId field that contains the globally unique identifier for that instance. Externally accessible instances are always tenant aware and therefore extend the TenantAwareModel

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

tenantId (optional)

[String](#) A globally unique identifier that represents the tenant that owns this entity. It is automatically assigned by the system and is immutable from an API consumer perspective (some use cases may cause this id to change - for instance a use case may require the transfer of ownership of the entity, but these cases are handled automatically on the server).

inline_response_200[Up](#)

REST response for all response codes in api path /storage/v4.0.a3/config/storage-containers Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf:

inline_response_200_1

[Up](#)

REST response for all response codes in api path /storage/v4.0.a3/config/storage-containers/{containerExtId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
oneOf: [storage.v4.r0.a3.config.StorageContainer](#)

inline_response_200_2

[Up](#)

REST response for all response codes in api path /storage/v4.0.a3/config/storage-containers/datastores Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
oneOf:

inline_response_202

[Up](#)

REST response for all response codes in api path /storage/v4.0.a3/config/storage-containers/{containerExtId}/\$actions/mount Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
oneOf: [prism.v4.r0.a1.config.TaskReference](#)

inline_response_202_1

[Up](#)

REST response for all response codes in api path /storage/v4.0.a3/config/storage-containers/{containerExtId}/\$actions/unmount Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
oneOf: [prism.v4.r0.a1.config.TaskReference](#)

inline_response_4XX

[Up](#)

REST response for all response codes in api path /storage/v4.0.a3/config/storage-containers Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[storage.v4.r0.a3.error.ErrorResponse](#)

inline_response_4XX_1

[Up](#)

REST response for all response codes in api path /storage/v4.0.a3/config/storage-containers/{containerExtId}/\$actions/mount Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[storage.v4.r0.a3.error.ErrorResponse](#)

inline_response_4XX_2

[Up](#)

REST response for all response codes in api path /storage/v4.0.a3/config/storage-containers/{containerExtId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[storage.v4.r0.a3.error.ErrorResponse](#)

inline_response_4XX_3

[Up](#)

REST response for all response codes in api path /storage/v4.0.a3/config/storage-containers/{containerExtId}/\$actions/unmount Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[storage.v4.r0.a3.error.ErrorResponse](#)

inline_response_4XX_4

[Up](#)

REST response for all response codes in api path /storage/v4.0.a3/config/storage-containers/datastores Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[storage.v4.r0.a3.error.ErrorResponse](#)

prism.v4.r0.a1.config.TaskReference

[Up](#)

Reference to a task tracking the async operation.

extId (optional)
[String](#) Globally unique identifier of a task.

storage.v4.r0.a3.common.OperationType

[Up](#)

storage.v4.r0.a3.common.ProgressStatus

[Up](#)

storage.v4.r0.a3.common.Task

[Up](#)

extId (optional)
[String](#) The extId referencing this task This field is immutable.

createTime (optional)
[Date](#) The date-time string (RFC 3339) when the task was created. format: date-time

startTime (optional)
[Date](#) The date-time string (RFC 3339) when the task was started. format: date-time

completedTime (optional)
[Date](#) The date-time string (RFC 3339) when the task was completed. format: date-time

lastUpdateTime (optional)
[Date](#) The date-time string (RFC 3339) when the task was last updated. format: date-time

description (optional)
[String](#) <p>A string consisting of the description of the category as defined by the user.</p> <p>The server does not validate this value nor does it enforce the uniqueness or any other constraints.
 It is the responsibility of the user to ensure that any semantic or syntactic constraints are retained when mutating this field.</p>

percentageComplete (optional)
[Float](#) This will be a float value indicating the percentage completion of the task format: float

displayName (optional)
[String](#) The short name of this task. It may not be unique for each task.
 This field is immutable.

parentTaskExtId (optional)
[String](#) The extId referencing the parent task of this task (may be null if this task is a root task).
 Each task can have at most one parent.
 This field is immutable.

subtaskExtIds (optional)
[array\[String\]](#) The list of extIds referencing the sub-tasks of this task (may be empty if there are no sub-tasks).
 This field is immutable.

operationType (optional)
[storage.v4.r0.a3.common.OperationType](#)

progressStatus (optional)
[storage.v4.r0.a3.common.ProgressStatus](#)

storage.v4.r0.a3.config.DataStore

[Up](#)

datastoreName (optional)
[String](#) Name of the datastore.

containerId (optional)
[String](#) Id of the storage container instance.

containerExtId (optional)
[String](#) Uuid of the storage container.

containerName
[String](#) Name of the storage container.

hostId (optional)
[String](#) Uuid of the host for datastore.

hostExtId (optional)
[String](#) Uuid of the host for datastore.

hostIpAddress (optional)
[String](#) Ip of the host for datastore.

capacity (optional)
[Long](#) Maximum capacity of the storage container. format: int64

freeSpace (optional)

[Long](#) freeSpace in the datastore. format: int64

vmNames (optional)

[array\[String\]](#) List of VMs name in the datastore.

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

storage.v4.r0.a3.config.DataStoreMount - Mount storage container.

[Up](#)

create NFS datastores on the ESX hosts.

datastoreName (optional)

[String](#) Name of the datastore.

containerName

[String](#) Name of the storage container.

nodeIds (optional)

[array\[String\]](#) The Zeus config ids of the nodes where the NFS datastore have to be created.

nodeExtIds (optional)

[array\[String\]](#) The Uuids of the nodes where the NFS datastore have to be created.

readOnly (optional)

[Boolean](#) if the host system have only read-only access to the NFS share (container).

targetPath (optional)

[String](#) The target path on which to mount the NFS datastore. KVM-only.

storage.v4.r0.a3.config.DataStoreResponse

[Up](#)

REST response for all response codes in api path /storage/v4.0.a3/config/storage-containers/datastores Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [storage.v4.r0.a3.error.ErrorResponse](#)

storage.v4.r0.a3.config.DataStoreTaskResponse

[Up](#)

REST response for all response codes in api path /storage/v4.0.a3/config/storage-containers/{containerExtId}/\$actions/unmount Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a1.config.TaskReference](#)

[storage.v4.r0.a3.error.ErrorResponse](#)

storage.v4.r0.a3.config.DataStoreUnmount - Mount storage container.

[Up](#)

create NFS datastores on the ESX hosts.

datastoreName

[String](#) Name of the datastore.

nodeIds (optional)

[array\[String\]](#) The Zeus config ids of the nodes where the NFS datastore have to be created.

nodeExtIds (optional)

[array\[String\]](#) The Uuids of the nodes where the NFS datastore have to be created.

storage.v4.r0.a3.config.ErasureCodeStatus

[Up](#)

Indicates possible values for erasure code.

storage.v4.r0.a3.config.FingerPrintOnWrite

[Up](#)

Indicates possible values which can be set to finger print on write.

storage.v4.r0.a3.config.OnDiskDedup

[Up](#)

Indicates possible values for on disk deduplication.

storage.v4.r0.a3.config.StorageContainer

[Up](#)

containerId (optional)

[String](#) Id of the storage container instance.

containerExtId (optional)
[String](#) Uuid of the storage container.

ownerUuid (optional)
[String](#) Uuid of the storage container.

name
[String](#) Name of the storage container.

clusterExtId (optional)
[String](#) Owning cluster uuid of storage container.

storagePoolUuid (optional)
[String](#) Owning storage pool uuid of the container instance.

markedForRemoval (optional)
[Boolean](#) Whether storage container is marked for removal.

maxCapacity (optional)
[Long](#) Maximum capacity of the storage container. format: int64

totalExplicitReservedCapacity (optional)
[Long](#) Total explicit reserved capacity of the storage container. format: int64

totalImplicitReservedCapacity (optional)
[Long](#) Total implicit reserved capacity of the storage container. format: int64

advertisedCapacity (optional)
[Long](#) Total advertised capacity of the storage container. format: int64

replicationFactor (optional)
[Integer](#) Replication factor of the storage container. format: int32

oplogReplicationFactor (optional)
[Integer](#) Oplog replication factor of the storage container. format: int32

nfsWhitelistAddress (optional)
[array\[common.v1.r0.a3.config.IPAddressOrFQDN\]](#) List of Nfs addresses which needs to be whitelisted.

isNfsWhitelistInherited (optional)
[Boolean](#) Whether Nfs whitelist inherited from global config.

randomIoPreference (optional)
[array\[String\]](#) List of random IO preference tier.

seqIoPreference (optional)
[array\[String\]](#) List of sequential IO preference tier.

downMigrateTimesInSecs (optional)
[map\[String, Integer\]](#) Map of down migrate time in seconds for random io preference tier. format: int32

erasureCode (optional)
[storage.v4.r0.a3.config.ErasureCodeStatus](#)

inlineEcEnabled (optional)
[Boolean](#) Whether inline erasure coding is enabled.

preferHigherECFaultDomain (optional)
[Boolean](#) Whether to prefer higher erasure code fault domain.

erasureCodeDelaySecs (optional)
[Integer](#) Erasure code delay in seconds. format: int32

fingerPrintOnWrite (optional)
[storage.v4.r0.a3.config.FingerPrintOnWrite](#)

onDiskDedup (optional)
[storage.v4.r0.a3.config.OnDiskDedup](#)

compressionEnabled (optional)
[Boolean](#) Whether compression is enabled.

compressionDelayInSecs (optional)
[Integer](#) Compression delay in seconds. format: int32

isNutanixManaged (optional)
[Boolean](#) Whether container is managed by nutanix.

enableSoftwareEncryption (optional)
[Boolean](#) Whether container to enable software encryption.

vstoreNameList (optional)
[array\[String\]](#) List of volume stores in the container.

mappedRemoteContainers (optional)
[map\[String, Strings\]](#) Map of remote containers.

encrypted (optional)
[Boolean](#) Whether container is encrypted or not.

affinityHostUuid (optional)
[String](#) Affinity host id for RF 1 container.

extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

storage.v4.r0.a3.config.StorageContainerResponse

[Up](#)

REST response for all response codes in api path /storage/v4.0.a3/config/storage-containers/{containerExtId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [storage.v4.r0.a3.config.StorageContainer](#)
[storage.v4.r0.a3.error.ErrorResponse](#)

storage.v4.r0.a3.config.StorageContainerTaskResponse

[Up](#)

REST response for all response codes in api path /storage/v4.0.a3/config/storage-containers/{containerExtId}/\$actions/mount Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a1.config.TaskReference](#)
[storage.v4.r0.a3.error.ErrorResponse](#)

storage.v4.r0.a3.config.StorageContainersResponse

[Up](#)

REST response for all response codes in api path /storage/v4.0.a3/config/storage-containers Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [storage.v4.r0.a3.error.ErrorResponse](#)

storage.v4.r0.a3.error.AppMessage

[Up](#)

This schema is generated from AppMessage.java

message (optional)

[String](#)

severity (optional)

[common.v1.r0.a3.config.MessageSeverity](#)

code (optional)

[String](#)

locale (optional)

[String](#) The locale for the message description.

errorGroup (optional)

[String](#)

argumentsMap (optional)

[map\[String, String\]](#)

storage.v4.r0.a3.error.ErrorResponse

[Up](#)

This schema is auto-generated by the Open API Dev Platform as REST response for 4xx and 5xx error responses.

error (optional)

oneOf: [storage.v4.r0.a3.error.SchemaValidationError](#)

storage.v4.r0.a3.error.MessageSeverity

[Up](#)

Enum schema MessageSeverity

storage.v4.r0.a3.error.SchemaValidationError

[Up](#)

This schema is generated from SchemaValidationError.java

timestamp (optional)

[String](#)

statusCode (optional)

[Integer](#)

error (optional)

[String](#)

path (optional)

[String](#)

validationErrorMessage (optional)

[array\[storage.v4.r0.a3.error.SchemaValidationErrorMessage\]](#)

storage.v4.r0.a3.error.SchemaValidationErrorMessage[Up](#)

This schema is generated from SchemaValidationErrorMessage.java

location (optional)

[*String*](#)

message (optional)

[*String*](#)

attributePath (optional)

[*String*](#)

Nutanix Vmm Versioned APIs

Manage the life-cycle of virtual machines hosted on Nutanix
 More information: <https://helloverb.com>
 Contact Info: hello@helloverb.com
 Version: 4.0.3-alpha-1
 BasePath: /api
 All rights reserved
<http://apache.org/licenses/LICENSE-2.0.html>

Access

1. HTTP Basic Authentication

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Vm

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- [PUT /vmm/v4.0.a1/ahv/config/vms/{extId}](#)
- [PUT /vmm/v4.0.a1/ahv/config/vms/{extId}/guest-tools](#)
- [POST /vmm/v4.0.a1/ahv/config/vms/{extId}/guest-tools/\\$actions/upgrade](#)

EsxiVm

[POST /vmm/v4.0.a1/esxi/config/vms/{extId}/\\$actions/assign-owner](#)

[Up](#)

Assign owner of a VM. (assignVmOwner)

Assign the owner of a Virtual Machine.

Path parameters

extId (required)

Path Parameter — Globally unique identifier of an instance. It should be of type UUID.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.esxi.config.OwnershipInfo](#) (required)
Body Parameter —

Request headers**Return type**

[inline response 202 49](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202 49](#)

4XX

Client error response [inline response 4XX 79](#)

5XX

Server error response [inline response 4XX 79](#)

POST /vmm/v4.0.a1/esxi/config/vms/{extId}/\$actions/associate-categories

[Up](#)

Associate categories to a VM. ([associateVmCategories](#))

Associate categories to a Virtual Machine.

Path parameters

extId (required)

Path Parameter — Globally unique identifier of an instance. It should be of type UUID.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.esxi.config.AssociateVmCategoriesParams](#)
(required)
Body Parameter —

Request headers

Return type

[inline response 202 42](#)

Example data

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202 42](#)

4XX

Client error response [inline response 4XX 69](#)

5XX

Server error response [inline response 4XX 69](#)

POST /vmm/v4.0.a1/esxi/config/vms/{extId}/\$actions/disassociate-categories [Up](#)

Disassociate categories from a VM. ([disassociateVmCategories](#))

Disassociate categories from a Virtual Machine.

Path parameters

extId (required)

Path Parameter — Globally unique identifier of an instance. It should be of type UUID.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.esxi.config.DisassociateVmCategoriesParams](#)

(required)

Body Parameter —

Request headers**Return type**

[inline response 202 43](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202 43](#)

4XX

Client error response [inline response 4XX 70](#)

5XX

Server error response [inline response 4XX 70](#)

GET /vmm/v4.0.a1/esxi/config/vms/{extId}/nutanix-guest-tools

[Up](#)

Get VM NGT configuration. (getNutanixGuestTools)

Retrieves the Nutanix Guest Tools configuration for a Virtual Machine.

Path parameters**extId (required)***Path Parameter* — Globally unique identifier of a VM. It should be of type UUID.**Return type**[inline response 200 29](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "isIsoInserted" : true,
    "capabilities" : [ "$UNKNOWN", "$UNKNOWN" ],
    "isReachable" : true,
    "availableVersion" : "availableVersion",
    "isEnabled" : true,
    "guestOsVersion" : "guestOsVersion",
    "isInstalled" : true,
    "isVssSnapshotCapable" : true,
    "isVmMobilityDriversInstalled" : true,
    "version" : "version"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**Success. [inline response 200 29](#)**4XX**Client error response [inline response 4XX 73](#)**5XX**Server error response [inline response 4XX 73](#)

GET /vmm/v4.0.a1/esxi/config/vms/{extId}

[Up](#)

Get VM configuration details. (**getVm**)

Retrieves configuration details for a Virtual Machine.

Path parameters

extId (required)

Path Parameter — Globally unique identifier of an instance. It should be of type UUID.

Return type

[inline response 200 27](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Success. [inline response 200 27](#)

4XX

Client error response [inline response 4XX 71](#)

5XX

Server error response [inline response 4XX 71](#)

POST /vmm/v4.0.a1/esxi/config/vms/{extId}/nutanix-guest-tools/\$actions/insert-iso Up i

Insert NGT ISO into an available CD-ROM for a VM. (**insertNutanixVmGuestTools**)

Inserts the Nutanix Guest Tools installation and configuration ISO into a virtual machine.

Path parameters

extId (required)

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.esxi.config.NutanixGuestToolsInsertConfig](#)
(required)
Body Parameter —

Request headers

Return type

[inline response 202 47](#)

Example data

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults": 0,
    "flags": [ {
      "name": "name",
      "value": false
    }, {
      "name": "name",
      "value": false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    }, {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    } ],
    "links": [ {
      "rel": "rel",
      "href": "href"
    }, {
      "rel": "rel",
      "href": "href"
    } ],
    "extraInfo": [ {
      "name": "name",
      "value": ""
    }, {
      "name": "name",
      "value": ""
    } ]
  },
  "data": {
    "extId": "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202 47](#)

4XX

Client error response [inline response 4XX 77](#)

5XX

Server error response [inline response 4XX 77](#)

POST /vmm/v4.0.a1/esxi/config/vms/{extId}/nutanix-guest-tools/\$actions/install Up

Install NGT in a VM. ([installNutanixVmGuestTools](#))

Installs Nutanix Guest Tools in a Virtual Machine by using the provided credentials.

Path parameters

extId (required)

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.esxi.config.NutanixGuestToolsInstallConfig](#)

(required)

Body Parameter —

Request headers

Return type

[inline response 202 45](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202 45](#)

4XX

Client error response [inline response 4XX 75](#)

5XX

Server error response [inline response 4XX 75](#)

GET /vmm/v4.0.a1/esxi/config/vms

List VMs. (listVms)

[Up](#)

Lists the Virtual Machines defined on the system. List of Virtual Machines can be further filtered out using various filtering options.

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter — <p>A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:</p>cluster/extId host/extId name

\$orderby (optional)

Query Parameter — <p>A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:</p> name

Return type

[inline response 200 28](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : [ "", "" ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Success. [inline response 200 28](#)

4XX

Client error response [inline response 4XX 72](#)

5XX

Server error response [inline response 4XX 72](#)

POST /vmm/v4.0.a1/esxi/config/vms/{extId}/nutanix-guest-tools/\$actions/uninstall [Up](#)

Uninstall NGT from a VM. (uninstallNutanixVmGuestTools)

Trigger an in-guest uninstallation of Nutanix Guest Tools.

Path parameters

extId (required)

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

Request headers

Return type

[inline response 202 48](#)

Example data

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202 48](#)

4XX

Client error response [inline response 4XX 78](#)

5XX

Server error response [inline response 4XX 78](#)

PUT /vmm/v4.0.a1/esxi/config/vms/{extId}/nutanix-guest-tools

Update NGT configuration for a VM. ([updateNutanixGuestTools](#))

Updates the Nutanix Guest Tools configuration for a Virtual Machine.

Path parameters

extId (required)

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.esxi.config.NutanixGuestTools](#) (required)

Body Parameter —

Request headers

Return type

[inline response 202 44](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202 44](#)

4XX

Client error response [inline response 4XX 74](#)

5XX

Server error response [inline_response_4XX_74](#)

POST /vmm/v4.0.a1/esxi/config/vms/{extId}/nutanix-guest-tools/\$actions/upgrade [Up](#)

Upgrade NGT inside a VM. (`upgradeNutanixVmGuestTools`)

Trigger an in-guest upgrade of Nutanix Guest Tools.

Path parameters

extId (required)

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.esxi.config.NutanixGuestToolsUpgradeConfig](#)

(required)

Body Parameter —

Request headers

Return type

[inline_response_202_46](#)

Example data

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults" : 0,
    "flags": [ {
      "name": "name",
      "value" : false
    }, {
      "name": "name",
      "value" : false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    }, {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    } ],
    "links": [ {
      "rel": "rel",
      "href": "href"
    }, {
      "rel": "rel",
      "href": "href"
    } ],
    "extraInfo": [ {
      "name": "name",
      "value": ""
    }, {
      "name": "name",
      "value": ""
    } ]
  },
  "data": {
    "extId": "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline_response 202_46](#)

4XX

Client error response [inline_response 4XX_76](#)

5XX

Server error response [inline_response 4XX_76](#)

Images

POST /vmm/v4.0.a1/images

[Up](#)Create an image. (**createImage**)

Create an image.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request bodybody [vmm.v4.r0.a1.images.Image](#) (required)*Body Parameter* — Create image request.**Request headers****Return type**[inline_response 202](#)**Example data**

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**Request for create image is accepted. [inline response 202](#)**4XX**Client error response [inline response 4XX 1](#)**5XX**Server error response [inline response 4XX 1](#)**DELETE** /vmm/v4.0.a1/images/{extId}[Up](#)Delete an image. (**deleteImageByExtId**)

Delete the image with the given extId.

Path parameters**extId (required)***Path Parameter* —**Return type**[inline response 202](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**Request for delete image is accepted. [inline response 202](#)**4XX**Client error response [inline response 4XX 1](#)**5XX**Server error response [inline response 4XX 1](#)

GET /vmm/v4.0.a1/images/{extId}

Get an image. ([getImageByExtId](#))

Get image details with the given extId.

Path parameters

extId (required)
Path Parameter —

Return type

[inline response 200 6](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

The requested image. [inline response 200 6](#)

4XX

Client error response [inline response 4XX 8](#)

5XX

Server error response [inline response 4XX 8](#)

GET /vmm/v4.0.a1/images/{extId}/categories

Get image categories. ([getImageCategories](#))

Get image categories for a given extId.

Path parameters

extId (required)
Path Parameter —

Return type[inline response 200 9](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : [ {
    "extId" : "extId"
  }, {
    "extId" : "extId"
  } ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

The categories attached to the image. [inline response 200 9](#)

4XX

Client error response [inline response 4XX 11](#)

5XX

Server error response [inline response 4XX 11](#)

GET /vmm/v4.0.a1/images/{extId}/cluster-locations

[Up](#)Get Prism Element locations for an image. ([getImageClusterLocations](#))

Get the Prism Element locations where the image is currently available.

Path parameters

extId (required)

Path Parameter —

Return type[inline response 200 7](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : [ {
    "extId" : "extId"
  }, {
    "extId" : "extId"
  } ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Prism Element cluster locations for the image. [inline_response_200_7](#)

4XX

Client error response [inline_response_4XX_9](#)

5XX

Server error response [inline_response_4XX_9](#)

GET /vmm/v4.0.a1/images/{extId}/placement-policies

[Up](#)

Get placement policies for an image. ([getImagePlacementPolicies](#))

Get the current image placement policies for an image.

Path parameters

extId (required)
Path Parameter —

Return type

[inline_response_200_8](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
```

```

    "name" : "name",
    "value" : false
  } ],
  "messages" : [ {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : [ {
  "complianceStatus" : "$UNKNOWN",
  "extId" : "extId",
  "enforcementMode" : "$UNKNOWN",
  "conflictingPolicies" : [ {
    "extId" : "extId"
  }, {
    "extId" : "extId"
  } ],
  "policyClusters" : [ {
    "extId" : "extId"
  }, {
    "extId" : "extId"
  } ],
  "enforcedClusters" : [ null, null ]
}, {
  "complianceStatus" : "$UNKNOWN",
  "extId" : "extId",
  "enforcementMode" : "$UNKNOWN",
  "conflictingPolicies" : [ {
    "extId" : "extId"
  }, {
    "extId" : "extId"
  } ],
  "policyClusters" : [ {
    "extId" : "extId"
  }, {
    "extId" : "extId"
  } ],
  "enforcedClusters" : [ null, null ]
} ]
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Image placement policies. [inline response 200 8](#)

4XX

Client error response [inline response 4XX 10](#)

5XX

Server error response [inline response 4XX 10](#)

GET /vmm/v4.0.a1/images

List images. (getImageList)

List images.

[Up](#)

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter — <p>A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:</p> description name sizeBytes type

\$orderby (optional)

Query Parameter — <p>A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:</p> description lastUpdateTime name sizeBytes type

Return type

[inline response 200 5](#)

Example data

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults" : 0,
    "flags": [ {
      "name": "name",
      "value" : false
    }, {
      "name": "name",
      "value" : false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    }, {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    } ],
    "links": [ {
      "rel": "rel",
      "href": "href"
    }, {
      "rel": "rel",
      "href": "href"
    } ],
    "extraInfo": [ {
      "name": "name",
      "value" : ""
    }, {
      "name": "name",
      "value" : ""
    } ]
  },
  "data": [ "", "" ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

List of images. [inline response 200 5](#)

4XX

Client error response [inline response 4XX 7](#)

5XX

Server error response [inline response 4XX 7](#)[Up](#)

POST /vmm/v4.0.a1/images/\$actions/import

Import images from Prism Element. (**importImage**)

Import images owned by a registered Prism Element cluster to the current Prism Central.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.images.ClusterImages](#) (required)

Body Parameter — Reference to the Prism Element cluster and its images to import.

Request headers

Return type

[inline response 202](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request for image import is accepted. [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)[Up](#)

POST /vmm/v4.0.a1/images/\$actions/remote-copy

Copy images to a remote Prism Central. (**remoteCopyImage**)

Copy the given images to a remote paired Prism Central.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.images.ImageReference](#) (required)

Body Parameter — Ids of the images to copy to the paired Prism Central.

Return type

[inline response 202](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request for remote copy of the image is accepted. [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

PUT /vmm/v4.0.a1/images/{extId}

Update an image. ([updateImageByExtId](#))

Update the image with the given extId.

Path parameters

extId (required)
Path Parameter —

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.images.Image](#) (required)
Body Parameter — Updated image with the given extId.

Request headers

Return type

[inline response 202](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request for image update is accepted. [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)[Up](#)

PUT /vmm/v4.0.a1/images/{extId}/categories

Update image categories. ([updateImageCategories](#))

Replace the attached image categories with the given extId.

Path parameters

extId (required)*Path Parameter* —

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.images.CategoryReference](#) (required)*Body Parameter* — The desired categories for the image.

Request headers

Return type

[inline response 202](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202
Request for image category update is accepted. [inline_response_202](#)
4XX
Client error response [inline_response_4XX_1](#)
5XX
Server error response [inline_response_4XX_1](#)

PlacementPolicies

POST /vmm/v4.0.a1/images/placement-policies

[Up](#)

Create an image placement policy. ([createPlacementPolicy](#))

Create an image placement policy.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.images.PlacementPolicy](#) (required)
Body Parameter — Image placement policy to create.

Request headers

Return type

[inline_response_202](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**Request to create image placement policy is accepted. [inline response 202](#)**4XX**Client error response [inline response 4XX 1](#)**5XX**Server error response [inline response 4XX 1](#)**DELETE** /vmm/v4.0.a1/images/placement-policies/{extId}[Up](#)Delete an image placement policy. (**deletePlacementPolicyByExtId**)

Delete the image placement policy with the given extId.

Path parameters**extId (required)***Path Parameter* —**Return type**[inline response 202](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**Request to delete image placement policy is accepted. [inline response 202](#)**4XX**Client error response [inline response 4XX 1](#)**5XX**Server error response [inline response 4XX 1](#)

GET /vmm/v4.0.a1/images/placement-policies

List image placement policies. (`getPlacementPoliciesList`)

List of image placement policies.

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

- description
- enforcementState
- name

\$orderby (optional)

Query Parameter —

A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- description
- enforcementState
- name

Return type

[inline response 200](#)

Example data

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults" : 0,
    "flags": [ {
      "name": "name",
      "value": false
    }, {
      "name": "name",
      "value": false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    }, {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    } ],
    "links": [ {
      "rel": "rel",
      "href": "href"
    }, {
      "rel": "rel",
      "href": "href"
    } ],
    "extraInfo": [ {
      "name": "name",
      "value": ""
    }, {
      "name": "name",
      "value": ""
    } ]
  },
  "data": [ "", "" ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**List of image placement policies. [inline response 200](#)**4XX**Client error response [inline response 4XX](#)**5XX**Server error response [inline response 4XX](#)

GET /vmm/v4.0.a1/images/placement-policies/{extId}

[Up](#)Get an image placement policy. ([getPlacementPolicyByExtId](#))

Get the image placement policy with the given extId.

Path parameters**extId (required)***Path Parameter* —**Return type**[inline response 200 1](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**The requested image placement policy. [inline response 200 1](#)**4XX**Client error response [inline response 4XX 2](#)**5XX**Server error response [inline response 4XX 2](#)

POST /vmm/v4.0.a1/images/placement-policies/{extId}/\$actions/resume

Resume an image placement policy. (**resumePlacementPolicyExtId**)

Resume a suspended image placement policy to be considered for enforcement.

Path parameters

extId (required)

Path Parameter — Image placement policy extId.

Request headers

Return type

[inline response 202](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request to resume image placement policy is accepted. [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

POST /vmm/v4.0.a1/images/placement-policies/{extId}/\$actions/suspend

Suspend an image placement policy. (**suspendPlacementPolicyExtId**)

Suspend an active image placement policy, active policy is one that is being considered for enforcement.

Path parameters**extId (required)***Path Parameter* — Image placement policy extId.**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/json

Request bodybody [vmm.v4.r0.a1.images.CancelPlacementTasks](#) (required)*Body Parameter* — Indicates whether the tasks running to enforce policy should be canceled. These would be checkout and uncheckout tasks to placement remove images from the cluster(s).**Request headers****Return type**[inline response 202](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**Request to suspend image placement policy is accepted. [inline response 202](#)**4XX**Client error response [inline response 4XX 1](#)**5XX**Server error response [inline response 4XX 1](#)

PUT /vmm/v4.0.a1/images/placement-policies/{extId}

Update an image placement policy. ([updatePlacementPolicyByExtId](#))

Update the image placement policy with the given extId.

Path parameters

extId (required)
Path Parameter —

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.images.PlacementPolicy](#) (required)
Body Parameter — Updated image placement policy.

Request headers

Return type

[inline response 202](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request to update image placement policy is accepted. [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)

5XX

Server error response [inline response 4XX 1](#)

RateLimits

[Up](#)

POST /vmm/v4.0.a1/images/rate-limits

Create an image rate limit. ([createRateLimit](#))

Create an image rate limit.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.images.RateLimit](#) (required)*Body Parameter* — Image rate limit to create.

Request headers

Return type

[inline response 202](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request to create image rate limit is accepted. [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)
5XX

Server error response [inline response 4XX 1](#)

POST /vmm/v4.0.a1/images/rate-limits/\$actions/delete

[Up](#)

Delete multiple image rate limits. (**deleteMultipleRateLimits**)

Delete the image rate limits with the specified extIds.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.images.RateLimitIdList](#) (required)

Body Parameter — ExtIds of the image rate limits to delete.

Return type

[inline response 202 1](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : [ {
    "rateLimitId" : "rateLimitId",
    "taskReference" : {
      "extId" : "extId"
    }
  }, {
    "rateLimitId" : "rateLimitId",
    "taskReference" : {
      "extId" : "extId"
    }
  } ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**Request to delete the image rate limits is accepted. [inline response 202 1](#)**4XX**Client error response [inline response 4XX 5](#)**5XX**Server error response [inline response 4XX 5](#)**DELETE** /vmm/v4.0.a1/images/rate-limits/{extId}[Up](#)Delete an image rate limit. (**deleteRateLimitByExtId**)

Delete the image rate limit with the given extId.

Path parameters**extId (required)***Path Parameter* — Image rate limit extId.**Return type**[inline response 202](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**Request to delete image rate limit is accepted. [inline response 202](#)**4XX**Client error response [inline response 4XX 1](#)**5XX**Server error response [inline response 4XX 1](#)

GET /vmm/v4.0.a1/images/rate-limits/{extId}

Get an image rate limit. ([getRateLimitByExtId](#))

Get the image rate limit with the given extId.

Path parameters

extId (required)*Path Parameter* — Image rate limit extId.

Return type

[inline response 200 3](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

The requested image rate limit. [inline response 200 3](#)

4XX

Client error response [inline response 4XX 4](#)

5XX

Server error response [inline response 4XX 4](#)

GET /vmm/v4.0.a1/images/rate-limits

List image rate limits. ([getRateLimitsList](#))

List image rate limits.

Query parameters

\$page (optional)*Query Parameter* — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter – A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter – A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

- description
- name
- rateLimitKbps

\$orderby (optional)

Query Parameter – A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- description
- name
- rateLimitKbps

Return type

[inline response 200 2](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : [ "", "" ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

List of image rate limits. [inline response 200 2](#)

4XX

Client error response [inline response 4XX 3](#)

5XX

Server error response [inline response 4XX 3](#)

POST /vmm/v4.0.a1/images/rate-limits/\$actions/resolve

Resolve effective rate limit for the Prism Elements. (**resolveRateLimits**)

Resolve the effective image rate limit for the given Prism Elements when multiple image rate limits apply.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body **vmm.v4.r0.a1.images.ClusterIdList** (required)

Body Parameter — List of cluster extlds for resolving effective rate limits.

Return type

[inline response 200 4](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : [ {
    "rateLimit" : "",
    "clusterId" : "clusterId"
  }, {
    "rateLimit" : "",
    "clusterId" : "clusterId"
  } ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

The effective rate limit for the given clusters. If no rate limit applies to a given cluster, entry for it will not be returned. [inline response 200 4](#)

4XX

Client error response [inline response 4XX 6](#)

5XX

Server error response [inline response 4XX 6](#)

PUT /vmm/v4.0.a1/images/rate-limits/{extId}

Update the image rate limit with the given extId. ([updateRateLimitByExtId](#))

Update an image rate limit.

Path parameters

extId (required)

Path Parameter — Image rate limit extId.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.images.RateLimit](#) (required)

Body Parameter — Image rate limit to update.

Request headers

Return type

[inline response 202](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request to update image rate limit is accepted. [inline response 202](#)

4XX

Client error response [inline response 4XX 1](#)

5XX
Server error response [inline response 4XX 1](#)

Templates

[Up](#)

POST /vmm/v4.0.a1/templates/{extId}/\$actions/cancel-guest-update

(cancelGuestUpdate)

Cancel updating the Guest OS of the Template. This resets the Template state to normal.

Path parameters

extId (required)
Path Parameter —

Request headers

Return type
[inline response 202 2](#)

Example data
Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202
Request Accepted [inline response 202 2](#)
4XX
Client error response [inline response 4XX 13](#)
5XX
Server error response [inline response 4XX 13](#)

POST /vmm/v4.0.a1/templates/{extId}/\$actions/complete-guest-update

(completeGuestUpdate)

Finish updating the Guest OS of the Template. This adds a new Version to the Template and resets the state to normal.

Path parameters

extId (required)
Path Parameter —

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.templates.CompleteGuestUpdateSpec](#) (required)
Body Parameter —

Request headers

Return type

[inline response 202 2](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202 2](#)

4XX

Client error response [inline response 4XX 13](#)

5XX

Server error response [inline_response 4XX 13](#)[Up](#)

POST /vmm/v4.0.a1/templates

(createTemplate)

A Template is an entity that captures configuration and data at rest for a parent entity like a VM. A Template can be used to create an entity similar in configuration and data to the parent entity. A Template is an abstraction to allow grouping Templates as versions inside the template. A template also maintains a notion of an gold template version which can be different from the latest template version. Template version numbers are non-negative monotonically increasing integers which also serve the purpose of relative chronological ordering of template versions within the scope of a template. This API allows creating a template by providing a template and version details description.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.templates.Template](#) (required)

Body Parameter —

Request headers

Return type

[inline_response 202 2](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline_response 202 2](#)

4XX

Client error response [inline response 4XX 13](#)

5XX

Server error response [inline response 4XX 13](#)

DELETE /vmm/v4.0.a1/templates/{extId}

[Up](#)

(deleteTemplateById)

This deletes all versions in the template.

Path parameters**extId (required)***Path Parameter* — Template UUID**Request headers****Return type**[inline response 202 2](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Task ID corresponding to the Template Delete Operation. [inline response 202 2](#)

4XX

Client error response [inline response 4XX 13](#)

5XX

Server error response [inline response 4XX 13](#)

DELETE /vmm/v4.0.a1/templates/{extId}/versions/{versionNumber}

(deleteTemplateVersionByVerNum)

Delete a specific version of the template. If the version happens to be the last remaining version on the template we will disallow the template delete version and to delete the last remaining version please attempt delete of template.

Path parameters

extId (required)

Path Parameter — Template UUID

versionNumber (required)

Path Parameter — format: int32

Request headers

Return type

[inline response 202 2](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202 2](#)

4XX

Client error response [inline response 4XX 13](#)

5XX

Server error response [inline response 4XX 13](#)

POST /vmm/v4.0.a1/templates/{extId}/\$actions/deploy

(deployVMFromTemplate)

Create one or many VMs from a Template. Each of the deployed VMs can be configured independently within a batch.

Path parameters

extId (required)

Path Parameter — Template UUID

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.templates.TemplateDeployment](#) (required)

Body Parameter —

Request headers

Return type

[inline response 202 2](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202 2](#)

4XX

Client error response [inline response 4XX 13](#)

5XX

Server error response [inline response 4XX 13](#)

GET /vmm/v4.0.a1/templates/{extId}/versions

(getAllTemplateVersions)

Get all existing template versions.

Path parameters

extId (required)

Path Parameter — Template UUID

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

- versionName

\$orderby (optional)

Query Parameter —

A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- versionName
- createdAt

\$expand (optional)

Query Parameter —

A URL query parameter that allows clients to request related resources when a resource that satisfies a particular request is retrieved. Each expand item is evaluated relative to the entity containing the property being expanded. Other query options can be applied to an expanded property by appending a semicolon-separated list of query options, enclosed in parentheses, to the property name. Allowed system query options are \$filter, \$select, \$orderby. The following expansion keys are supported.

- vmSpec

Return type

[inline response 200 12](#)

Example data

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults": 0,
    "flags": [ {
      "name": "name",
      "value": false
    }, {
      "name": "name",
      "value": false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    }, {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    } ],
    "links": [ {
      "rel": "rel",
      "href": "href"
    }, {
      "rel": "rel",
      "href": "href"
    } ],
    "extraInfo": [ {
```

```

    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : [ "", "" ]
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**Success [inline response 200 12](#)**4XX**Client error response [inline response 4XX 15](#)**5XX**Server error response [inline response 4XX 15](#)

GET /vmm/v4.0.a1/templates/{extId}

[Up](#)**(getTemplateById)**

Get Template details

Path parameters**extId (required)***Path Parameter* — Template UUID**Return type**[inline response 200 11](#)**Example data**

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Success [inline response 200 11](#)

4XX

Client error response [inline response 4XX 14](#)

5XX

Server error response [inline response 4XX 14](#)

GET /vmm/v4.0.a1/templates

[Up](#)

(getTemplateListMetadata)

Get all the Templates Metadata.

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

- templateName

\$orderby (optional)

Query Parameter —

A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- lastUpdatedAt
- templateName

\$expand (optional)

Query Parameter —

A URL query parameter that allows clients to request related resources when a resource that satisfies a particular request is retrieved. Each expand item is evaluated relative to the entity containing the property being expanded. Other query options can be applied to an expanded property by appending a semicolon-separated list of query options, enclosed in parentheses, to the property name. Allowed system query options are \$filter, \$select, \$orderby. The following expansion keys are supported.

- vmSpec

Return type

[inline response 200 10](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
  }
}
```



```

    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : [ "", "" ]
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**Success [inline response 200 10](#)**4XX**Client error response [inline response 4XX 12](#)**5XX**Server error response [inline response 4XX 12](#)

GET /vmm/v4.0.a1/templates/{extId}/versions/{versionNumber}

[Up](#)**(getTemplateVersionByVerNum)**

A description for template version.

Path parameters**extId (required)***Path Parameter* — Template UUID**versionNumber (required)***Path Parameter* — format: int32**Return type**[inline response 200 13](#)**Example data**

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",

```

```
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Success [inline response 200 13](#)

4XX

Client error response [inline response 4XX 16](#)

5XX

Server error response [inline response 4XX 16](#)

POST /vmm/v4.0.a1/templates/{extId}/\$actions/initiate-guest-update

[Up](#)

(initiateGuestUpdate)

Start updating the Guest OS of the Template. This must be followed by either Complete update or Cancel update action before another OS update can be initiated.

Path parameters

extId (required)

Path Parameter —

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.templates.InitiateGuestUpdateSpec](#) (optional)

Body Parameter —

Request headers

Return type

[inline response 202 2](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
```

```
{
  "name" : "name",
  "value" : ""
}, {
  "name" : "name",
  "value" : ""
} ]
},
"data" : {
  "extId" : "extId"
}
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline_response 202_2](#)

4XX

Client error response [inline_response 4XX 13](#)

5XX

Server error response [inline_response 4XX 13](#)

POST /vmm/v4.0.a1/templates/{extId}/\$actions/publish

[Up](#)

(publishTemplate)

Set the version as Gold Version.

Path parameters

extId (required)
Path Parameter —

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.templates.TemplatePublishSpec](#) (required)
Body Parameter —

Request headers

Return type

[inline_response 202_2](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
```

```

    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : {
  "extId" : "extId"
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202 2](#)

4XX

Client error response [inline response 4XX 13](#)

5XX

Server error response [inline response 4XX 13](#)

PUT /vmm/v4.0.a1/templates/{extId}

[Up](#)**(updateTemplate)**

Modify Template details or create a version by specifying the version reference details.

Path parameters**extId (required)***Path Parameter* — Template UUID**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/json

Request bodybody [vmm.v4.r0.a1.templates.Template](#) (optional)*Body Parameter* —**Request headers****Return type**[inline response 202 2](#)**Example data**

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",

```

```

    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : {
  "extId" : "extId"
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202_2](#)

4XX

Client error response [inline response 4XX_13](#)

5XX

Server error response [inline response 4XX_13](#)

Vm

POST /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/nics/{extId}/\$actions/assign-ip [Up](#)

Assign an IP address to the provided network device. (**assignip**)

Assigns a specific IP address to a network device attached to a managed network.

Path parameters**vmExtId (required)**

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

extId (required)

Path Parameter — Globally unique identifier of a VM NIC. It should be of type UUID.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.ahv.config.AssignIpParams](#) (required)

Body Parameter —

Request headers**Return type**

[inline response 202_29](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ]
  }
}

```

```

    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202 29](#)

4XX

Client error response [inline response 4XX 54](#)

5XX

Server error response [inline response 4XX 54](#)

POST /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/assign-owner

[Up](#)

Assign owner of a VM. ([assignVmOwner](#))

Assign the owner of a Virtual Machine.

Path parameters**extId (required)**

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.ahv.config.OwnershipInfo](#) (required)

Body Parameter —

Request headers**Return type**

[inline response 202 32](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",

```

```

    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : {
  "extId" : "extId"
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202 32](#)

4XX

Client error response [inline response 4XX 57](#)

5XX

Server error response [inline response 4XX 57](#)

POST /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/associate-categories

[Up](#)

Associate categories to a VM. ([associateVmCategories](#))

Associate categories to a Virtual Machine.

Path parameters

extId (required)

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.ahv.config.AssociateVmCategoriesParams](#)

(required)

Body Parameter —

Request headers

Return type

[inline response 202 3](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",

```

```

    "value" : false
  } ],
  "messages" : [ {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
}, {
  "data" : {
    "extId" : "extId"
  }
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline_response_202_3](#)

4XX

Client error response [inline_response_4XX_17](#)

5XX

Server error response [inline_response_4XX_17](#)

POST /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/clone

[Up](#)

Clone a VM. (cloneVm)

Clones an existing Virtual Machine. This operation also includes updating the existing configuration during the clone operation.

Path parameters

extId (required)

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.ahv.config.CloneOverrideParams](#) (optional)

Body Parameter —

Request headers

Return type

[inline_response_202_9](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",

```



```

    "value" : false
  }, {
    "name" : "name",
    "value" : false
  } ],
  "messages" : [ {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
}, {
  "data" : {
    "extId" : "extId"
  }
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202_9](#)

4XX

Client error response [inline response 4XX_25](#)

5XX

Server error response [inline response 4XX_25](#)

POST /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/cd-roms

[Up](#)

Create a CD-ROM device for a VM. (**createCdRom**)

Creates and attaches a CD-ROM device to a Virtual Machine.

Path parameters**vmExtId (required)**

Path Parameter – Globally unique identifier of a VM. It should be of type UUID.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.ahv.config.CdRom](#) (required)

Body Parameter –

Request headers**Return type**

[inline response 202_8](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {

```

```

    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202 8](#)

4XX

Client error response [inline response 4XX 24](#)

5XX

Server error response [inline response 4XX 24](#)

POST /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/disks

[Up](#)

Create a disk device for a VM. (**createDisk**)

Creates and attaches a disk device to a Virtual Machine.

Path parameters**vmExtId (required)**

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.ahv.config.Disk](#) (required)

Body Parameter —

Request headers**Return type**

[inline response 202 12](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline_response 202_12](#)

4XX

Client error response [inline_response 4XX_30](#)

5XX

Server error response [inline_response 4XX_30](#)

POST /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/gpus

[Up](#)

Attach a GPU device to a VM. (**createGpu**)

Attaches a GPU device to a Virtual Machine.

Path parameters

vmExtId (required)

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.ahv.config.Gpu](#) (required)

Body Parameter —

Request headers**Return type**

[inline response 202 20](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**Request Accepted [inline response 202 20](#)**4XX**Client error response [inline response 4XX 42](#)**5XX**Server error response [inline response 4XX 42](#)**POST /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/nics**[Up](#)Create a network device for a VM. (**createNic**)

Creates and attaches a network device to a Virtual Machine.

Path parameters**vmExtId (required)***Path Parameter* — Globally unique identifier of a VM. It should be of type UUID.**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/json

Request bodybody [vmm.v4.r0.a1.ahv.config.Nic](#) (required)*Body Parameter* —

Request headers**Return type**[inline response 202 28](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202 28](#)

4XX

Client error response [inline response 4XX 53](#)

5XX

Server error response [inline response 4XX 53](#)

POST /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/serial-ports

[Up](#)

Create a serial port for a VM. (**createSerialPort**)

Creates and attaches a serial port device to a Virtual Machine.

Path parameters**vmExtId (required)**

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.ahv.config.SerialPort](#) (required)
Body Parameter —

Request headers

Return type

[inline response 202 41](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202 41](#)

4XX

Client error response [inline response 4XX 68](#)

5XX

Server error response [inline response 4XX 68](#)

POST /vmm/v4.0.a1/ahv/config/vms

[Up](#)

Create a VM. (createVm)

Creates a Virtual Machine with the provided configuration.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.ahv.config.Vm](#) (required)

Body Parameter —**Request headers****Return type**[inline response 202 15](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**Request Accepted [inline response 202 15](#)**4XX**Client error response [inline response 4XX 35](#)**5XX**Server error response [inline response 4XX 35](#)

POST /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/migrate

[Up](#)

Migrate a VM across clusters. (**crossClusterMigrateVm**)

Migrates a VM (including its storage) from the current cluster to a new target cluster.

Path parameters**extId (required)**

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request bodybody [vmm.v4.r0.a1.ahv.config.VmCrossClusterMigrateParams](#)

(required)

Body Parameter — Migrates a VM (including its storage) from the current cluster to a new target cluster.**Request headers****Return type**[inline response 202 18](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**Request Accepted [inline response 202 18](#)**4XX**Client error response [inline response 4XX 38](#)**5XX**Server error response [inline response 4XX 38](#)

POST /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/customize-guest

[Up](#)Stage guest customization configuration details. (**customizeGuest**)

Stage a Sysprep or cloud-init configuration file to be used by the guest for the next boot. Note that the Sysprep command must be used to generalize the Windows VMs before triggering this API call.

Path parameters**extId (required)**

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.ahv.config.GuestCustomizationParams](#) (required)
Body Parameter —

Request headers

Return type

[inline response 202 16](#)

Example data

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults": 0,
    "flags": [ {
      "name": "name",
      "value": false
    }, {
      "name": "name",
      "value": false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    }, {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    } ],
    "links": [ {
      "rel": "rel",
      "href": "href"
    }, {
      "rel": "rel",
      "href": "href"
    } ],
    "extraInfo": [ {
      "name": "name",
      "value": ""
    }, {
      "name": "name",
      "value": ""
    } ]
  },
  "data": {
    "extId": "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202 16](#)

4XX

Client error response [inline response 4XX 36](#)

5XX

Server error response [inline response 4XX 36](#)

DELETE /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/cd-roms/{extId}

[Up](#)

Remove a CD-ROM device from a VM. ([deleteCdRom](#))

Removes the specified CD-ROM device from a Virtual Machine.

Path parameters**vmExtId (required)***Path Parameter* — Globally unique identifier of a VM. It should be of type UUID.**extId (required)***Path Parameter* — Globally unique identifier of a CD-ROM. It should be of type UUID.**Request headers****Return type**[inline response 202 5](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**Request Accepted [inline response 202 5](#)**4XX**Client error response [inline response 4XX 20](#)**5XX**Server error response [inline response 4XX 20](#)

DELETE /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/disks/{extId}

[Up](#)Removes the specified disk device from a Virtual Machine. (**deleteDisk**)

Removes the specified disk device from a Virtual Machine.

Path parameters**vmExtId (required)***Path Parameter* — Globally unique identifier of a VM. It should be of type UUID.

extId (required)

Path Parameter — Globally unique identifier of a VM disk. It should be of type UUID.

Request headers**Return type**

[inline response 202 11](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202 11](#)

4XX

Client error response [inline response 4XX 28](#)

5XX

Server error response [inline response 4XX 28](#)

DELETE /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/gpus/{extId}

[Up](#)

Remove a GPU device from a VM. (**deleteGpu**)

Removes the specified GPU device from a Virtual Machine.

Path parameters**vmExtId (required)**

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

extId (required)

Path Parameter — Globally unique identifier of a VM GPU. It should be of type UUID.

Request headers**Return type**[inline response 202 19](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202 19](#)

4XX

Client error response [inline response 4XX 40](#)

5XX

Server error response [inline response 4XX 40](#)

DELETE /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/nics/{extId}

[Up](#)Remove a network device from a VM. (**deleteNic**)

Removes the specified network device from a Virtual Machine.

Path parameters**vmExtId (required)***Path Parameter* — Globally unique identifier of a VM. It should be of type UUID.**extId (required)***Path Parameter* — Globally unique identifier of a VM NIC. It should be of type UUID.**Request headers****Return type**

[inline response 202 27](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**Request Accepted [inline response 202 27](#)**4XX**Client error response [inline response 4XX 51](#)**5XX**Server error response [inline response 4XX 51](#)**DELETE** /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/serial-ports/{extId}[Up](#)Remove a serial port from a VM. (**deleteSerialPort**)

Removes the specified serial port from a Virtual Machine.

Path parameters**vmExtId (required)***Path Parameter* — Globally unique identifier of a VM. It should be of type UUID.**extId (required)***Path Parameter* — Globally unique identifier of a serial port. It should be of type UUID.**Request headers****Return type**[inline response 202 40](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202 40](#)

4XX

Client error response [inline response 4XX 66](#)

5XX

Server error response [inline response 4XX 66](#)

DELETE /vmm/v4.0.a1/ahv/config/vms/{extId}

[Up](#)

Delete a VM. (deleteVm)

Delete the specified Virtual Machine.

Path parameters

extId (required)

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.**Request headers****Return type**[inline response 202 14](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    } ]
  }
}
```

```

    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202 14](#)

4XX

Client error response [inline response 4XX 33](#)

5XX

Server error response [inline response 4XX 33](#)

POST /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/disassociate-categories

[Up](#)

Disassociate categories from a VM. (**disassociateVmCategories**)

Disassociate categories from a Virtual Machine.

Path parameters**extId (required)**

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.ahv.config.DisassociateVmCategoriesParams](#)

(required)

Body Parameter —

Request headers**Return type**

[inline response 202 4](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {

```

```

    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202_4](#)

4XX

Client error response [inline response 4XX_18](#)

5XX

Server error response [inline response 4XX_18](#)

POST /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/cd-roms/{extId}/\$actions/eject

[Up](#)

Ejects an ISO from the provided CD-ROM device. (**ejectCdRom**)

Ejects the ISO currently inserted into a CD-ROM device on a Virtual Machine.

Path parameters

vmExtId (required)

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

extId (required)

Path Parameter — Globally unique identifier of a CD-ROM. It should be of type UUID.

Request headers

Return type

[inline response 202_7](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }

```



```

    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202 7](#)

4XX

Client error response [inline response 4XX 22](#)

5XX

Server error response [inline response 4XX 22](#)

GET /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/cd-roms/{extId}

[Up](#)

Get configuration details for the provided CD-ROM. ([getCdRomByExtId](#))

Retrieves configuration details for the provided CD-ROM device attached to a Virtual Machine.

Path parameters**vmExtId (required)**

Path Parameter – Globally unique identifier of a VM. It should be of type UUID.

extId (required)

Path Parameter – Globally unique identifier of a CD-ROM. It should be of type UUID.

Return type

[inline response 200 14](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",

```

```

    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
}, {
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Success. [inline response 200 14](#)

4XX

Client error response [inline response 4XX 19](#)

5XX

Server error response [inline response 4XX 19](#)

GET /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/disks/{extId}

[Up](#)

Get configuration details for the provided disk device. (**getDiskByExtId**)

Retrieves configuration details for the provided disk device attached to a Virtual Machine.

Path parameters**vmExtId (required)**

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

extId (required)

Path Parameter — Globally unique identifier of a VM disk. It should be of type UUID.

Return type

[inline response 200 16](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {

```

```

    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Success. [inline response 200 16](#)

4XX

Client error response [inline response 4XX 26](#)

5XX

Server error response [inline response 4XX 26](#)

GET /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/gpus/{extId}

[Up](#)

Get configuration details for the provided GPU device. ([getGpuByExtId](#))

Retrieves configuration details for the provided GPU device attached to a Virtual Machine.

Path parameters

vmExtId (required)

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

extId (required)

Path Parameter — Globally unique identifier of a VM GPU. It should be of type UUID.

Return type

[inline response 200 20](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    } ]
  }
}

```

```

    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**Success. [inline response 200 20](#)**4XX**Client error response [inline response 4XX 39](#)**5XX**Server error response [inline response 4XX 39](#)

GET /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/nics/{extId}

[Up](#)

Get configuration details for the provided network device. (**getNicByExtId**)

Retrieves configuration details for the provided network device attached to a Virtual Machine.

Path parameters**vmExtId (required)**

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

extId (required)

Path Parameter — Globally unique identifier of a VM NIC. It should be of type UUID.

Return type[inline response 200 23](#)**Example data**

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Success. [inline response 200 23](#)

4XX

Client error response [inline response 4XX 49](#)

5XX

Server error response [inline response 4XX 49](#)

GET /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/serial-ports/{extId}

[Up](#)

Get configuration details for the provided serial port. ([getSerialPortByExtId](#))

Retrieves configuration details for the provided serial port attached to a Virtual Machine.

Path parameters

vmExtId (required)

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

extId (required)

Path Parameter — Globally unique identifier of a serial port. It should be of type UUID.

Return type

[inline response 200 25](#)

Example data

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults" : 0,
    "flags": [ {
      "name": "name",
      "value": false
    }, {
      "name": "name",
      "value": false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    }, {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    } ],
    "links": [ {
      "rel": "rel",
      "href": "href"
    }, {
      "rel": "rel",
      "href": "href"
    } ],
    "extraInfo": [ {
      "name": "name",
      "value": ""
    }, {
      "name": "name",
      "value": ""
    } ]
  },
  "data": ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Success. [inline response 200 25](#)

4XX

Client error response [inline response 4XX 64](#)
5XX

Server error response [inline response 4XX 64](#)

GET /vmm/v4.0.a1/ahv/config/vms/{extId}

[Up](#)

Get VM configuration details. ([getVmByExtId](#))

Retrieves configuration details for a Virtual Machine.

Path parameters

extId (required)

Path Parameter – Globally unique identifier of a VM. It should be of type UUID.

Return type

[inline response 200 18](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : ""
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Success. [inline response 200 18](#)

4XX

Client error response [inline response 4XX 31](#)

5XX

Server error response [inline response 4XX 31](#)

GET /vmm/v4.0.a1/ahv/config/vms/{extId}/guest-tools

[Up](#)

Get VM NGT configuration. ([getVmGuestTools](#))

Retrieves the Nutanix Guest Tools configuration for a Virtual Machine.

Path parameters**extId (required)***Path Parameter* – Globally unique identifier of a VM. It should be of type UUID.**Return type**[inline response 200 22](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "isIsoInserted" : true,
    "capabilities" : [ "$UNKNOWN", "$UNKNOWN" ],
    "isReachable" : true,
    "availableVersion" : "availableVersion",
    "isEnabled" : true,
    "guestOsVersion" : "guestOsVersion",
    "isInstalled" : true,
    "isVssSnapshotCapable" : true,
    "isVmMobilityDriversInstalled" : true,
    "version" : "version"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**200**Success. [inline response 200 22](#)**4XX**Client error response [inline response 4XX 43](#)**5XX**Server error response [inline response 4XX 43](#)

POST /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/guest-reboot

[Up](#)Restart the VM using NGT. (**guestRebootVm**)

Collaborative reboot of a Virtual Machine, requesting Nutanix Guest Tools to trigger a reboot from within the VM.

Path parameters**extId (required)***Path Parameter* – Globally unique identifier of a VM. It should be of type UUID.**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/json

Request bodybody [vmm.v4.r0.a1.ahv.config.GuestPowerOptions](#) (required)*Body Parameter* –**Request headers****Return type**[inline response 202 38](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**Request Accepted [inline response 202 38](#)**4XX**Client error response [inline response 4XX 63](#)**5XX**Server error response [inline response 4XX 63](#)

POST /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/guest-shutdown



Shutdown the VM using NGT. (**guestShutdownVm**)

Collaborative shutdown of a Virtual Machine, requesting Nutanix Guest Tools to trigger a shutdown from within the VM.

Path parameters

extId (required)

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.ahv.config.GuestPowerOptions](#) (required)

Body Parameter —

Request headers

Return type

[inline response 202 37](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202 37](#)

4XX

Client error response [inline response 4XX 62](#)

5XX

Server error response [inline response 4XX 62](#)

POST /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/cd-roms/{extId}/\$actions/insert

Inserts an ISO in the provided CD-ROM device. (**insertCdRom**)

Inserts the defined ISO into a CD-ROM device attached to a Virtual Machine.

Path parameters

vmExtId (required)

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

extId (required)

Path Parameter — Globally unique identifier of a CD-ROM. It should be of type UUID.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.ahv.config.CdRomInsertParams](#) (required)

Body Parameter —

Request headers

Return type

[inline response 202 6](#)

Example data

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults" : 0,
    "flags": [ {
      "name": "name",
      "value": false
    }, {
      "name": "name",
      "value": false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    }, {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    } ],
    "links": [ {
      "rel": "rel",
      "href": "href"
    }, {
      "rel": "rel",
      "href": "href"
    } ],
    "extraInfo": [ {
      "name": "name",
      "value": ""
    }, {
      "name": "name",
      "value": ""
    } ]
  },
  "data": {
    "extId": "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202 6](#)

4XX

Client error response [inline response 4XX 21](#)

5XX

Server error response [inline response 4XX 21](#)

POST /vmm/v4.0.a1/ahv/config/vms/{extId}/guest-tools/\$actions/insert-iso

[Up](#)

Insert NGT ISO into an available CD-ROM for a VM. (insertVmGuestTools)

Inserts the Nutanix Guest Tools installation and configuration ISO into a virtual machine.

Path parameters

extId (required)

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.ahv.config.GuestToolsInsertConfig](#) (required)

Body Parameter —

Request headers

Return type

[inline response 202 24](#)

Example data

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults" : 0,
    "flags": [ {
      "name": "name",
      "value" : false
    }, {
      "name": "name",
      "value" : false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    }, {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    } ],
    "links": [ {
      "rel": "rel",
      "href": "href"
    }, {
      "rel": "rel",
      "href": "href"
    } ],
    "extraInfo": [ {
      "name": "name",
      "value": ""
    }, {
      "name": "name",
      "value": ""
    } ]
  },
  "data": {
    "extId": "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202 24](#)

4XX

Client error response [inline response 4XX 47](#)

5XX

Server error response [inline response 4XX 47](#)**POST /vmm/v4.0.a1/ahv/config/vms/{extId}/guest-tools/\$actions/install**[Up](#)Install NGT in a VM. ([installVmGuestTools](#))

Installs Nutanix Guest Tools in a Virtual Machine by using the provided credentials.

Path parameters**extId (required)***Path Parameter* — Globally unique identifier of a VM. It should be of type UUID.**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/json

Request bodybody [vmm.v4.r0.a1.ahv.config.GuestToolsInstallConfig](#) (required)*Body Parameter* —**Request headers****Return type**[inline response 202 22](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202 22](#)

4XX

Client error response [inline response 4XX 45](#)

5XX

Server error response [inline response 4XX 45](#)

GET /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/cd-roms

[Up](#)

List CD-ROMs attached to a VM. (listCdRoms)

Lists the CD-ROM devices attached to a Virtual Machine.

Path parameters

vmExtId (required)

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

Return type

[inline response 200 15](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : [ "", "" ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Success. [inline response 200 15](#)

4XX

Client error response [inline response 4XX 23](#)

5XX

Server error response [inline response 4XX 23](#)

GET /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/disks

[Up](#)List disks attached to a VM. (**listDisks**)

Lists the disk devices attached to a Virtual Machine.

Path parameters**vmExtId (required)***Path Parameter* — Globally unique identifier of a VM. It should be of type UUID.**Query parameters****\$page (optional)***Query Parameter* — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32**\$limit (optional)***Query Parameter* — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32**Return type**[inline response 200 17](#)**Example data**

Content-Type: application/json

```
{
  "metadata": {
    "totalAvailableResults" : 0,
    "flags": [ {
      "name": "name",
      "value" : false
    }, {
      "name": "name",
      "value" : false
    } ],
    "messages": [ {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    }, {
      "severity": "$UNKNOWN",
      "code": "code",
      "message": "message",
      "locale": "en_US"
    } ],
    "links": [ {
      "rel": "rel",
      "href": "href"
    }, {
      "rel": "rel",
      "href": "href"
    } ],
    "extraInfo": [ {
      "name": "name",
      "value": ""
    }, {
      "name": "name",
      "value": ""
    } ]
  },
}
```

```
{
  "data" : [ "", "" ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Success. [inline response 200 17](#)

4XX

Client error response [inline response 4XX 29](#)

5XX

Server error response [inline response 4XX 29](#)

GET /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/gpus

[Up](#)

List GPUs attached to a VM. (listGpus)

Lists the GPU devices attached to a Virtual Machine.

Path parameters

vmExtId (required)

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

- mode
- vendor

Return type

[inline response 200 21](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ]
  }
}
```

```

    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : [ "", "" ]
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Success. [inline response 200 21](#)

4XX

Client error response [inline response 4XX 41](#)

5XX

Server error response [inline response 4XX 41](#)

GET /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/nics

[Up](#)

List network devices attached to a VM. (**listNics**)

Lists the network devices attached to a Virtual Machine.

Path parameters

vmExtId (required)

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

- networkInfo/subnet/extId

Return type

[inline response 200 24](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",

```



```

    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : [ "", "" ]
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Success. [inline response 200 24](#)

4XX

Client error response [inline response 4XX 52](#)

5XX

Server error response [inline response 4XX 52](#)

GET /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/serial-ports

[Up](#)

List serial ports attached to a VM. (listSerialPorts)

Lists the serial ports attached to a Virtual Machine.

Path parameters

vmExtId (required)

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

Return type

[inline response 200 26](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",

```

```

    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : [ "", "" ]
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Success. [inline response 200 26](#)

4XX

Client error response [inline response 4XX 67](#)

5XX

Server error response [inline response 4XX 67](#)

GET /vmm/v4.0.a1/ahv/config/vms

[Up](#)

List VMs. (listVms)

Lists the Virtual Machines defined on the system. List of Virtual Machines can be further filtered out using various filtering options.

Query parameters

\$page (optional)

Query Parameter — A URL query parameter that specifies the page number of the result set. Must be a positive integer between 0 and the maximum number of pages that are available for that resource. Any number out of this range will lead to no results being returned. default: 0 format: int32

\$limit (optional)

Query Parameter — A URL query parameter that specifies the total number of records returned in the result set. Must be a positive integer between 1 and 100. Any number out of this range will lead to a validation error. If the limit is not provided a default value of 50 records will be returned in the result set. default: 50 format: int32

\$filter (optional)

Query Parameter —

A URL query parameter that allows clients to filter a collection of resources. The expression specified with \$filter is evaluated for each resource in the collection, and only items where the expression evaluates to true are included in the response. Expression specified with the \$filter must conform to the OData V4.01 URL conventions. For example, filter '\$filter=name eq 'karbon-ntnx-1.0'' would filter result on cluster name karbon-ntnx1.0, filter '\$filter=startswith(name, 'C')' would filter on cluster name starting with C. The filter can be applied on the following fields:

- cluster/extId
- gpus
- hardwareClockTimezone
- host/extId
- isAgentVm
- isCpuPassthroughEnabled
- isGpuConsoleEnabled
- isLiveMigrateCapable
- isMemoryOvercommitEnabled
- isVcpuHardPinningEnabled
- isVgaConsoleEnabled
- machineType
- memorySizeBytes
- name
- nics
- numCoresPerSocket
- numNumaNodes
- numSockets
- numThreadsPerCore
- powerState

\$orderby (optional)

Query Parameter —

A URL query parameter that allows clients to specify the sort criteria for the returned list of objects. Resources can be sorted in ascending order using asc or descending order using desc. If asc or desc are not specified the resources will be sorted in ascending order by default. For example, '\$orderby=templateName desc' would get all templates sorted by templateName in desc order. The orderby can be applied to the following fields:

- memorySizeBytes
- name
- numCoresPerSocket
- numNumaNodes
- numSockets
- numThreadsPerCore

Return type

[inline response 200 19](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : [ "", "" ]
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Success. [inline response 200 19](#)

4XX

Client error response [inline response 4XX 34](#)

5XX

Server error response [inline response 4XX 34](#)

POST /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/nics/{extId}/\$actions/migrate

[Up](#)

Migrate a network device to another subnet. (**migrateNic**)

Migrates a network device attached to a Virtual Machine to another subnet. This can be used to move network devices between VLAN and VPC subnets.

Path parameters**vmExtId (required)**

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

extId (required)

Path Parameter — Globally unique identifier of a VM NIC. It should be of type UUID.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.ahv.config.MigrateNicConfig](#) (required)

Body Parameter —

Request headers**Return type**

[inline response 202 31](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**Request Accepted [inline response 202 31](#)**4XX**Client error response [inline response 4XX 56](#)**5XX**Server error response [inline response 4XX 56](#)

POST /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/power-cycle

[Up](#)

Force a power cycle for a VM. (**powerCycleVm**)

Force a power-cycle for a Virtual Machine. This operation is equivalent to requesting a VM power-off followed by the VM power-on. Power cycling a VM is slower than resetting it, but it will be creating a fresh instance of the Virtual Machine. When resetting, the same instance is restarted within the context of the running VM instance.

Path parameters**extId (required)**

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

Request headers**Return type**[inline response 202 34](#)**Example data**

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202 34](#)

4XX

Client error response [inline response 4XX 59](#)

5XX

Server error response [inline response 4XX 59](#)

POST /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/power-off

[Up](#)

Hard power off a VM. (powerOffVm)

Force shutdown of a Virtual Machine. Equivalent to removing the power cable. Note: If any write operations are being made to any disk when this API is called, it might result in some data loss.

Path parameters

extId (required)

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

Request headers

Return type

[inline response 202 35](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
```

```

    "value" : false
  }, {
    "name" : "name",
    "value" : false
  } ],
  "messages" : [ {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
}, {
  "data" : {
    "extId" : "extId"
  }
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202_35](#)

4XX

Client error response [inline response 4XX_60](#)

5XX

Server error response [inline response 4XX_60](#)

POST /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/power-on

[Up](#)

Turn on a VM. (powerOnVm)

Turns a Virtual Machine on.

Path parameters

extId (required)

Path Parameter – Globally unique identifier of a VM. It should be of type UUID.

Request headers

Return type

[inline response 202_33](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {

```

```

    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : {
  "extId" : "extId"
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses**202**

Request Accepted [inline response 202 33](#)

4XX

Client error response [inline response 4XX 58](#)

5XX

Server error response [inline response 4XX 58](#)

POST /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/reboot

[Up](#)

Reboot a VM using ACPI. (**rebootVm**)

Collaborative reboot of a Virtual Machine through the ACPI support in the operating system.

Path parameters**extId (required)**

Path Parameter – Globally unique identifier of a VM. It should be of type UUID.

Request headers**Return type**

[inline response 202 38](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",

```

```

    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
}, {
  "data" : {
    "extId" : "extId"
  }
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202 38](#)

4XX

Client error response [inline response 4XX 63](#)

5XX

Server error response [inline response 4XX 63](#)

POST /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/nics/{extId}/\$actions/release-ip [Up](#)

Release an assigned IP address from the provided network device. (**releaselp**)

Releases the IP address assignment from a network device attached to a managed network.

Path parameters

vmExtId (required)

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

extId (required)

Path Parameter — Globally unique identifier of a VM NIC. It should be of type UUID.

Request headers

Return type

[inline response 202 30](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
  }
}

```



```

    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202 30](#)

4XX

Client error response [inline response 4XX 55](#)

5XX

Server error response [inline response 4XX 55](#)

POST /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/reset

[Up](#)

Reset a VM immediately. ([resetVm](#))

Force reset of a Virtual Machine, without waiting for the guest VM to shutdown itself. Resetting a VM is faster than power-cycle as the reset occurs within the context of the running virtual machine instance rather than creating a fresh instance.

Path parameters

extId (required)

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

Request headers

Return type

[inline response 202 36](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ]
  }
}

```

```

    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202_36](#)

4XX

Client error response [inline response 4XX_61](#)

5XX

Server error response [inline response 4XX_61](#)

POST /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/revert

[Up](#)

Revert VM identified by {extId}. This does an in-place VM restore from a specified VM Recovery Point. (**revertVm**)

Revert VM identified by {extId}. This does an in-place VM restore from a specified VM Recovery Point.

Path parameters

extId (required)

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.ahv.config.VmRevertParams](#) (required)

Body Parameter — Specify the VM Recovery Point Id to which the VM would be reverted.

Request headers

Return type

[inline response 202_17](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    } ]
  }
}

```

```
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  }, {
    "data" : {
      "extId" : "extId"
    }
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Task Id to monitor the progress of VM revert operation. [inline response 202 17](#)

4XX

Client error response [inline response 4XX 37](#)

5XX

Server error response [inline response 4XX 37](#)

POST /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/shutdown

[Up](#)

Shutdown the VM using ACPI. (**shutdownVm**)

Collaborative shutdown of a Virtual Machine through the ACPI support in the operating system.

Path parameters

extId (required)

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

Request headers

Return type

[inline response 202 37](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
```

```
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : {
  "extId" : "extId"
}
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202 37](#)

4XX

Client error response [inline response 4XX 62](#)

5XX

Server error response [inline response 4XX 62](#)

POST /vmm/v4.0.a1/ahv/config/vms/{extId}/guest-tools/\$actions/uninstall

[Up](#)

Uninstall NGT from a VM. (uninstallVmGuestTools)

Trigger an in-guest uninstallation of Nutanix Guest Tools.

Path parameters

extId (required)

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

Request headers

Return type

[inline response 202 25](#)

Example data

Content-Type: application/json

```
{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
}
```

```

    "data" : {
      "extId" : "extId"
    }
  }
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202 25](#)

4XX

Client error response [inline response 4XX 48](#)

5XX

Server error response [inline response 4XX 48](#)

PUT /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/disks/{extId}

[Up](#)

Update the configuration for the provided disk device. (**updateDisk**)

Updates the configuration details for the provided disk device.

Path parameters

vmExtId (required)

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

extId (required)

Path Parameter — Globally unique identifier of a VM disk. It should be of type UUID.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.ahv.config.Disk](#) (required)

Body Parameter —

Request headers

Return type

[inline response 202 10](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",

```

```

    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : {
  "extId" : "extId"
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline_response 202_10](#)

4XX

Client error response [inline_response 4XX_27](#)

5XX

Server error response [inline_response 4XX_27](#)

PUT /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/nics/{extId}

[Up](#)

Update the configuration for the provided network device. (**updateNic**)

Updates the configuration details for the provided network device.

Path parameters

vmExtId (required)

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

extId (required)

Path Parameter — Globally unique identifier of a VM NIC. It should be of type UUID.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.ahv.config.Nic](#) (required)

Body Parameter —

Request headers

Return type

[inline_response 202_26](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    } ]
  }
}

```

```

    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202_26](#)

4XX

Client error response [inline response 4XX_50](#)

5XX

Server error response [inline response 4XX_50](#)

PUT /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/serial-ports/{extId}

[Up](#)

Update the configuration for the provided serial port. (**updateSerialPort**)

Updates the configuration details for the provided serial port.

Path parameters

vmExtId (required)

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

extId (required)

Path Parameter — Globally unique identifier of a serial port. It should be of type UUID.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.ahv.config.SerialPort](#) (required)

Body Parameter —

Request headers

Return type

[inline response 202_39](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",

```

```

    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : {
  "extId" : "extId"
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202 39](#)

4XX

Client error response [inline response 4XX 65](#)

5XX

Server error response [inline response 4XX 65](#)

PUT /vmm/v4.0.a1/ahv/config/vms/{extId}

[Up](#)

Update configuration for a VM. ([updateVm](#))

Updates configuration details for a Virtual Machine.

Path parameters**extId (required)**

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.ahv.config.Vm](#) (required)

Body Parameter —

Request headers**Return type**

[inline response 202 13](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ]
  }
}

```



```

    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202 13](#)

4XX

Client error response [inline response 4XX 32](#)

5XX

Server error response [inline response 4XX 32](#)

PUT /vmm/v4.0.a1/ahv/config/vms/{extId}/guest-tools

[Up](#)

Update NGT configuration for a VM. ([updateVmGuestTools](#))

Updates the Nutanix Guest Tools configuration for a Virtual Machine.

Path parameters**extId (required)**

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.ahv.config.GuestTools](#) (required)

Body Parameter —

Request headers**Return type**

[inline response 202 21](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",

```

```

    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  }, {
    "severity" : "$UNKNOWN",
    "code" : "code",
    "message" : "message",
    "locale" : "en_US"
  } ],
  "links" : [ {
    "rel" : "rel",
    "href" : "href"
  }, {
    "rel" : "rel",
    "href" : "href"
  } ],
  "extraInfo" : [ {
    "name" : "name",
    "value" : ""
  }, {
    "name" : "name",
    "value" : ""
  } ]
},
"data" : {
  "extId" : "extId"
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202 21](#)

4XX

Client error response [inline response 4XX 44](#)

5XX

Server error response [inline response 4XX 44](#)

POST /vmm/v4.0.a1/ahv/config/vms/{extId}/guest-tools/\$actions/upgrade

[Up](#)

Upgrade NGT inside a VM. ([upgradeVmGuestTools](#))

Trigger an in-guest upgrade of Nutanix Guest Tools.

Path parameters

extId (required)

Path Parameter — Globally unique identifier of a VM. It should be of type UUID.

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [vmm.v4.r0.a1.ahv.config.GuestToolsUpgradeConfig](#) (required)

Body Parameter —

Request headers

Return type

[inline response 202 23](#)

Example data

Content-Type: application/json

```

{
  "metadata" : {
    "totalAvailableResults" : 0,
    "flags" : [ {
      "name" : "name",
      "value" : false
    }, {
      "name" : "name",
      "value" : false
    } ]
  }
}

```

```

    } ],
    "messages" : [ {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    }, {
      "severity" : "$UNKNOWN",
      "code" : "code",
      "message" : "message",
      "locale" : "en_US"
    } ],
    "links" : [ {
      "rel" : "rel",
      "href" : "href"
    }, {
      "rel" : "rel",
      "href" : "href"
    } ],
    "extraInfo" : [ {
      "name" : "name",
      "value" : ""
    }, {
      "name" : "name",
      "value" : ""
    } ]
  },
  "data" : {
    "extId" : "extId"
  }
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

202

Request Accepted [inline response 202 23](#)

4XX

Client error response [inline response 4XX 46](#)

5XX

Server error response [inline response 4XX 46](#)

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[vmm.v4.r0.a1.templates.TemplateApiResponse](#)
[vmm.v4.r0.a1.templates.TemplateDeployment](#)
[vmm.v4.r0.a1.templates.TemplateListApiResponse](#)
[vmm.v4.r0.a1.templates.TemplatePublishSpec](#)
[vmm.v4.r0.a1.templates.TemplateVersionApiResponse](#)
[vmm.v4.r0.a1.templates.TemplateVersionListApiResponse](#)
[vmm.v4.r0.a1.templates.TemplateVersionReference](#)
[vmm.v4.r0.a1.templates.TemplateVersionSpec](#)
[vmm.v4.r0.a1.templates.TemplatesTaskApiResponse](#)
[vmm.v4.r0.a1.templates.VmConfigOverride](#)
[vmm.v4.r0.a1.templates.VmReference](#)

common.v1.r0.a3.config.Flag

[Up](#)

Many entities in the Nutanix APIs carry flags. This object captures all the flags associated with that entity through this object. The field that hosts this type of object must have an attribute called x-bounded-map-keys that tells which flags are actually present for that entity.

name (optional)

[String](#)

value (optional)

[Boolean](#)

common.v1.r0.a3.config.Ipv4Address

[Up](#)

value (optional)

[String](#)

prefixLength (optional)

[Integer](#) The prefix length of the network to which this host IPv4 address belongs. format: int32

common.v1.r0.a3.config.KVPair

[Up](#)

A map describing a set of keys and their corresponding values.

name (optional)

[String](#) The key of this key-value pair

value (optional)

The value associated with the key for this key-value pair
oneOf:

common.v1.r0.a3.config.Message

[Up](#)

code (optional)

[String](#) A code that uniquely identifies a message.

message (optional)

[String](#) The description of the message.

locale (optional)

[String](#) The locale for the message description.

severity (optional)

[common.v1.r0.a3.config.MessageSeverity](#)

common.v1.r0.a3.config.MessageSeverity

[Up](#)

The message severity.

common.v1.r0.a3.config.Metadata

[Up](#)

Metadata associated with this resource.

ownerReferenceId (optional)

[String](#) A globally unique identifier that represents the owner of this resource.

ownerUserName (optional)

[String](#) The userName of the owner of this resource.

projectReferenceId (optional)

[String](#) A globally unique identifier that represents the project this resource belongs to.

projectName (optional)

[String](#) The name of the project this resource belongs to.

categoryIds (optional)

[array\[String\]](#) A list of globally unique identifiers that represent all the categories the resource is associated with.

common.v1.r0.a3.config.TenantAwareModel

[Up](#)

A model base class whose instances are bound to a specific tenant. This model adds a tenantId to the base model class that it extends and is automatically set by the server.

tenantId (optional)

[String](#) A globally unique identifier that represents the tenant that owns this entity. It is automatically assigned by the system and is immutable from an API consumer perspective (some use cases may cause this id to change - for instance a use case may require the transfer of ownership of the entity, but these cases are handled automatically on the server).

common.v1.r0.a3.response.ApiLink

[Up](#)

A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

href (optional)

[String](#) The URL at which the entity described by the link can be accessed.

rel (optional)

[String](#) A name that identifies the relationship of the link to the object that is returned by the URL. The unique value of "self" identifies the URL for the object.

common.v1.r0.a3.response.ApiResponseMetadata

[Up](#)

The metadata associated with an API response. This value is always present and minimally contains the self-link for the API request that produced this response. It also contains pagination data for the paginated requests.

flags (optional)

[array\[common.v1.r0.a3.config.Flag\]](#) An array of flags that may indicate the status of the response. For example a flag with name isPaginated and value false indicates that the response is not paginated.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) An array of HATEOAS style links for the response that may also include pagination links for list operations.

totalAvailableResults (optional)

[Integer](#) The total number of entities that are available on the server for this type. format: int32

messages (optional)

[array\[common.v1.r0.a3.config.Message\]](#) Information, Warning or Error messages that might provide additional contextual information related to the operation.

extralInfo (optional)
[array\[common.v1.r0.a3.config.KVPair\]](#) An array of entity-specific metadata

common.v1.r0.a3.response.ExternalizableAbstractModel

[Up](#)

A model that represents an object instance that is accessible through an API endpoint. Instances of this type get an extId field that contains the globally unique identifier for that instance. Externally accessible instances are always tenant aware and therefore extend the TenantAwareModel

extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

tenantId (optional)
[String](#) A globally unique identifier that represents the tenant that owns this entity. It is automatically assigned by the system and is immutable from an API consumer perspective (some use cases may cause this Id to change - for instance a use case may require the transfer of ownership of the entity, but these cases are handled automatically on the server).

dataprotection.v4.r0.a2.common.RecoveryPointProperties - Recovery point properties

[Up](#)

A model that represents common properties of a Recovery point resources

locationAgnosticId (optional)
[String](#) Location agnostic identifier of the Recovery point.

name (optional)
[String](#) The name of the Recovery point.

creationTime (optional)
[Date](#) The UTC date and time in ISO-8601 format when the Recovery point is created. format: date-time

expirationTime (optional)
[Date](#) The UTC date and time in ISO-8601 format when the current Recovery point expires and will be garbage collected. format: date-time

status (optional)
[dataprotection.v4.r0.a2.common.RecoveryPointStatus](#)

recoveryPointType (optional)
[dataprotection.v4.r0.a2.common.RecoveryPointType](#)

consistencyGroupExtId (optional)
[String](#) The external identifier that can be used to retrieve the consistency group using its URL.

consistencyGroupName (optional)
[String](#) Name of the Consistency group.

vendorSpecificProperties (optional)
[array\[dataprotection.v4.r0.a2.common.VendorSpecificProperty\]](#) List of additional metadata provided by the client at the time of Recovery point creation.

extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

dataprotection.v4.r0.a2.common.RecoveryPointStatus

[Up](#)

The status of the Recovery point, which indicates whether this Recovery point is fit to be consumed.

dataprotection.v4.r0.a2.common.RecoveryPointType

[Up](#)

Type of the Recovery point. Crash-consistent Recovery points and application-consistent Recovery points are used to capture all of the VM and application level details. However, application-consistent Recovery points can also capture all data stored in the memory and transactions in process.

dataprotection.v4.r0.a2.common.VendorSpecificProperty

[Up](#)

Additional metadata provided by the client at the time of Recovery point creation.

vendorId
[String](#) The unique identifier of the vendor. It can be a magic number, UUID or vendor name.

vendorMetadata
[byte\[\]](#) This is an opaque data interpreted only by the respective vendor. format: byte

inline_response_200

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/images/placement-policies Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[array\[vmm.v4.r0.a1.images.PlacementPolicy\]](#)

inline_response_200_1

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/images/placement-policies/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.images.PlacementPolicy](#)

inline_response_200_10

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/templates Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[array\[vmm.v4.r0.a1.templates.Template\]](#)

inline_response_200_11

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/templates/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.templates.Template](#)

inline_response_200_12

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/templates/{extId}/versions Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[array\[vmm.v4.r0.a1.templates.TemplateVersionSpec\]](#)

inline_response_200_13

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/templates/{extId}/versions/{versionNumber} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.templates.TemplateVersionSpec](#)

inline_response_200_14

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/cd-roms/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.ahv.config.CdRom](#)

inline_response_200_15

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/cd-roms Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[array\[vmm.v4.r0.a1.ahv.config.CdRom\]](#)

inline_response_200_16

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/disks/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.ahv.config.Disk](#)

inline_response_200_17

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/disks Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[array\[vmm.v4.r0.a1.ahv.config.Disk\]](#)

inline_response_200_18

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.ahv.config.Vm](#)

inline_response_200_19

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[array\[vmm.v4.r0.a1.ahv.config.Vm\]](#)

inline_response_200_2

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/images/rate-limits Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[array\[vmm.v4.r0.a1.images.RateLimit\]](#)

inline_response_200_20

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/gpus/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.ahv.config.Gpu](#)

inline_response_200_21

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/gpus Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[array\[vmm.v4.r0.a1.ahv.config.Gpu\]](#)

inline_response_200_22

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/guest-tools Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.ahv.config.GuestTools](#)

inline_response_200_23

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/nics/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.ahv.config.Nic](#)

inline_response_200_24

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/nics Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[array\[vmm.v4.r0.a1.ahv.config.Nic\]](#)

inline_response_200_25[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/serial-ports/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.ahv.config.SerialPort](#)

inline_response_200_26[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/serial-ports Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[array\[vmm.v4.r0.a1.ahv.config.SerialPort\]](#)

inline_response_200_27[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/esxi/config/vms/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.esxi.config.Vm](#)

inline_response_200_28[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/esxi/config/vms Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[array\[vmm.v4.r0.a1.esxi.config.Vm\]](#)

inline_response_200_29[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/esxi/config/vms/{extId}/nutanix-guest-tools Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.esxi.config.NutanixGuestTools](#)

inline_response_200_3[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/images/rate-limits/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.images.RateLimit](#)

inline_response_200_4[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/images/rate-limits/\$actions/resolve Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[array\[vmm.v4.r0.a1.images.EffectiveRateLimit\]](#)

inline_response_200_5[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/images Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[array\[vmm.v4.r0.a1.images.Image\]](#)

inline_response_200_6[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/images/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[vmm.v4.r0.a1.images.Image](#)

inline_response_200_7

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/images/{extId}/cluster-locations Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
[array\[vmm.v4.r0.a1.images.ClusterReference\]](#)

inline_response_200_8

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/images/{extId}/placement-policies Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
[array\[vmm.v4.r0.a1.images.PlacementPolicyStatus\]](#)

inline_response_200_9

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/images/{extId}/categories Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
[array\[vmm.v4.r0.a1.images.CategoryReference\]](#)

inline_response_202

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/images/{extId}/categories Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_1

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/images/rate-limits/\$actions/delete Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
[array\[vmm.v4.r0.a1.images.RateLimitTask\]](#)

inline_response_202_10

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/disks/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_11

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/disks/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_12

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/disks Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_13

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_14

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_15

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_16

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/customize-guest Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_17

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/revert Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_18

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/migrate Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_19

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/gpus/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_2

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/templates/{extId}/\$actions/publish Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_20

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/gpus Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)

[prism.v4.r0.a2.config.TaskReference](#)**inline_response_202_21**[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/guest-tools Put operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[prism.v4.r0.a2.config.TaskReference](#)**inline_response_202_22**[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/guest-tools/\$actions/install Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[prism.v4.r0.a2.config.TaskReference](#)**inline_response_202_23**[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/guest-tools/\$actions/upgrade Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[prism.v4.r0.a2.config.TaskReference](#)**inline_response_202_24**[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/guest-tools/\$actions/insert-iso Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[prism.v4.r0.a2.config.TaskReference](#)**inline_response_202_25**[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/guest-tools/\$actions/uninstall Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[prism.v4.r0.a2.config.TaskReference](#)**inline_response_202_26**[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/nics/{extId} Put operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[prism.v4.r0.a2.config.TaskReference](#)**inline_response_202_27**[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/nics/{extId} Delete operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[prism.v4.r0.a2.config.TaskReference](#)**inline_response_202_28**[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/nics Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

[prism.v4.r0.a2.config.TaskReference](#)**inline_response_202_29**[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/nics/{extId}/\$actions/assign-ip Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_3

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/associate-categories Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_30

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/nics/{extId}/\$actions/release-ip Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_31

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/nics/{extId}/\$actions/migrate Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_32

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/assign-owner Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_33

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/power-on Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_34

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/power-cycle Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_35

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/power-off Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_36

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/reset Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_37[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/guest-shutdown Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_38[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/guest-reboot Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_39[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/serial-ports/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_4[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/disassociate-categories Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_40[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/serial-ports/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_41[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/serial-ports Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_42[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/esxi/config/vms/{extId}/\$actions/associate-categories Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_43[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/esxi/config/vms/{extId}/\$actions/disassociate-categories Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_44[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/esxi/config/vms/{extId}/nutanix-guest-tools Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_45

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/esxi/config/vms/{extId}/nutanix-guest-tools/\$actions/install Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_46

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/esxi/config/vms/{extId}/nutanix-guest-tools/\$actions/upgrade Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_47

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/esxi/config/vms/{extId}/nutanix-guest-tools/\$actions/insert-iso Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_48

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/esxi/config/vms/{extId}/nutanix-guest-tools/\$actions/uninstall Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_49

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/esxi/config/vms/{extId}/\$actions/assign-owner Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_5

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/cd-roms/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_6

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/cd-roms/{extId}/\$actions/insert Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_7

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/cd-roms/{extId}/\$actions/eject Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_8

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/cd-roms Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_202_9

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/clone Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[prism.v4.r0.a2.config.TaskReference](#)

inline_response_4XX

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/images/placement-policies Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_1

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/images/{extId}/categories Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_10

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/images/{extId}/placement-policies Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_11

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/images/{extId}/categories Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_12

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/templates Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_13

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/templates/{extId}/\$actions/publish Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_14

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/templates/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)

[vmm.v4.r0.a1.error.ErrorResponse](#)**inline_response_4XX_15**[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/templates/{extId}/versions Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_16[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/templates/{extId}/versions/{versionNumber} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_17[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/associate-categories Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_18[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/disassociate-categories Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_19[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/cd-roms/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_2[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/images/placement-policies/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_20[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/cd-roms/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_21[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/cd-roms/{extId}/\$actions/insert Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_22[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/cd-roms/{extId}/\$actions/eject Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_23

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/cd-roms Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_24

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/cd-roms Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_25

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/clone Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_26

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/disks/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_27

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/disks/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_28

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/disks/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_29

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/disks Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_3

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/images/rate-limits Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_30[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/disks Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_31[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_32[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_33[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_34[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_35[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_36[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/customize-guest Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_37[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/revert Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_38[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/migrate Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_39

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/gpus/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_4

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/images/rate-limits/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_40

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/gpus/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_41

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/gpus Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_42

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/gpus Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_43

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/guest-tools Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_44

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/guest-tools Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_45

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/guest-tools/\$actions/install Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_46

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/guest-tools/\$actions/upgrade Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_47

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/guest-tools/\$actions/insert-iso Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_48

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/guest-tools/\$actions/uninstall Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_49

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/nics/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_5

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/images/rate-limits/\$actions/delete Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_50

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/nics/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_51

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/nics/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_52

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/nics Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_53

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/nics Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)

[vmm.v4.r0.a1.error.ErrorResponse](#)**inline_response_4XX_54**[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/nics/{extId}/\$actions/assign-ip Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_55[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/nics/{extId}/\$actions/release-ip Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_56[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/nics/{extId}/\$actions/migrate Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_57[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/assign-owner Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_58[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/power-on Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_59[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/power-cycle Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_6[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/images/rate-limits/\$actions/resolve Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_60[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/power-off Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_61[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/reset Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_62

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/guest-shutdown Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_63

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/guest-reboot Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_64

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/serial-ports/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_65

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/serial-ports/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_66

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/serial-ports/{extId} Delete operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_67

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/serial-ports Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_68

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/serial-ports Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_69

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/esxi/config/vms/{extId}/\$actions/associate-categories Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_7[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/images Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_70[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/esxi/config/vms/{extId}/\$actions/disassociate-categories Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_71[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/esxi/config/vms/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_72[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/esxi/config/vms Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_73[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/esxi/config/vms/{extId}/nutanix-guest-tools Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_74[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/esxi/config/vms/{extId}/nutanix-guest-tools Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_75[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/esxi/config/vms/{extId}/nutanix-guest-tools/\$actions/install Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_76[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/esxi/config/vms/{extId}/nutanix-guest-tools/\$actions/upgrade Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_77[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/esxi/config/vms/{extId}/nutanix-guest-tools/\$actions/insert-iso Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_78

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/esxi/config/vms/{extId}/nutanix-guest-tools/\$actions/uninstall Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_79

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/esxi/config/vms/{extId}/\$actions/assign-owner Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_8

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/images/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

inline_response_4XX_9

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/images/{extId}/cluster-locations Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
[vmm.v4.r0.a1.error.ErrorResponse](#)

prism.v4.r0.a2.config.TaskReference

[Up](#)

Reference to a task tracking an asynchronous operation. The status of the task can be queried by making a GET request to the task URI provided in the metadata section of the API response.

extId (optional)
[String](#) A globally unique identifier of a task.

vmm.v4.r0.a1.ahv.config.ADSFDiskMigrationPlan

[Up](#)

The disk migration plan defines how disks are migrated.

storageContainer (optional)
[vmm.v4.r0.a1.ahv.config.VmDiskContainerReference](#)
 disks (optional)
[array\[vmm.v4.r0.a1.ahv.config.MigrateDiskReference\]](#) The disks included in the migration plan.

vmm.v4.r0.a1.ahv.config.ADSFVmStorageConfig

[Up](#)

Storage configuration for VM.

isFlashModeEnabled (optional)
[Boolean](#) Indicates whether the virtual disk is pinned to the hot tier or not.
 qosConfig (optional)
[vmm.v4.r0.a1.ahv.config.QosConfig](#)

vmm.v4.r0.a1.ahv.config.ADSFVolumeGroupReference

[Up](#)

Reference to an ADSF Volume Group.

volumeGroupExtId (optional)
[String](#) Globally unique identifier of an ADSF volume group. It should be of type UUID.

vmm.v4.r0.a1.ahv.config.AllDisksMigrationPlan

[Up](#)

Defines how all the disks of a VM are migrated to the same target storage container.

storageContainer (optional)

[vmm.v4.r0.a1.ahv.config.VmDiskContainerReference](#)

vmm.v4.r0.a1.ahv.config.AssignIpParams

[Up](#)

Assigns a specific IP address to a network device attached to a managed network.

ipAddress (optional)

[common.v1.r0.a3.config.Ipv4Address](#)

vmm.v4.r0.a1.ahv.config.AssignIpResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/nics/{extId}/\$actions/assign-ip Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.AssignVmOwnerResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/assign-owner Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.AssociateVmCategoriesParams

[Up](#)

List of categories to be associated to the VM.

categories (optional)

[array\[vmm.v4.r0.a1.ahv.config.CategoryReference\]](#)

vmm.v4.r0.a1.ahv.config.AssociateVmCategoriesResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/associate-categories Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.AvailabilityZoneReference

[Up](#)

Reference to an availability zone.

extId (optional)

[String](#) Globally unique identifier of an availability zone. It should be of type UUID.

vmm.v4.r0.a1.ahv.config.BootDeviceDisk

[Up](#)

The disk that will be used to boot the VM.

diskAddress (optional)

[vmm.v4.r0.a1.ahv.config.DiskAddress](#)

vmm.v4.r0.a1.ahv.config.BootDeviceNic

[Up](#)

The NIC that will be used to boot the VM.

macAddress (optional)

[String](#)

vmm.v4.r0.a1.ahv.config.BootDeviceType

[Up](#)

The type of boot device. Valid values are CDROM, NIC, and DISK.

vmm.v4.r0.a1.ahv.config.CategoryReference

[Up](#)

Reference to a category.

extId (optional)

[String](#) Globally unique identifier of a VM category. It should be of type UUID.

vmm.v4.r0.a1.ahv.config.CdRom

[Up](#)

Virtual Machine CD-ROM.

diskAddress (optional)

[vmm.v4.r0.a1.ahv.config.CdRomAddress](#)

backingInfo (optional)

[vmm.v4.r0.a1.ahv.config.VmDisk](#)

isoType (optional)

[vmm.v4.r0.a1.ahv.config.IsoType](#)

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

vmm.v4.r0.a1.ahv.config.CdRomAddress

[Up](#)

Virtual Machine disk (VM disk).

busType (optional)

[vmm.v4.r0.a1.ahv.config.CdRomBusType](#)

index (optional)

[Integer](#) Device index on the bus. This field is ignored unless the bus details are specified.

vmm.v4.r0.a1.ahv.config.CdRomBusType

[Up](#)

Bus type for the device. The acceptable values are: IDE, SATA.

vmm.v4.r0.a1.ahv.config.CdRomInsertParams

[Up](#)

Virtual Machine CD-ROM.

backingInfo (optional)

[vmm.v4.r0.a1.ahv.config.VmDisk](#)

vmm.v4.r0.a1.ahv.config.CloneOverrideParams

[Up](#)

VM clone override specification.

name (optional)

[String](#) VM name.

numSockets (optional)

[Integer](#) Number of vCPU sockets. format: int32

numCoresPerSocket (optional)

[Integer](#) Number of cores per socket. format: int32

numThreadsPerCore (optional)

[Integer](#) Number of cores per socket. format: int32

memorySizeBytes (optional)

[Long](#) Memory size in bytes. format: int64

nics (optional)

[array\[vmm.v4.r0.a1.ahv.config.Nic\]](#) NICs attached to the VM.

bootConfig (optional)

Indicates the order of device types in which the VM should try to boot from. If the boot device order is not provided the system will decide an appropriate boot device order.

oneOf: [vmm.v4.r0.a1.ahv.config.LegacyBoot](#) [vmm.v4.r0.a1.ahv.config.UefiBoot](#)

guestCustomization (optional)

[vmm.v4.r0.a1.ahv.config.GuestCustomizationParams](#)

vmm.v4.r0.a1.ahv.config.CloneVmResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/clone Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.CloudInit

[Up](#)

If this field is set, the guest will be customized using cloud-init. Either user_data or custom_key_values should be provided. If custom_key_values are provided then the user data will be generated using these key-value pairs.

datasourceType (optional)

[vmm.v4.r0.a1.ahv.config.CloudInitDataSourceType](#)

metadata (optional)

[String](#) The contents of the meta_data configuration for cloud-init. This can be formatted as YAML or JSON. The value must be base64 encoded.

cloudInitScript (optional)
The script to use for cloud-init.
oneOf: [vmm.v4.r0.a1.ahv.config.Userdata](#)
[vmm.v4.r0.a1.ahv.config.CustomKeyValues](#)

vmm.v4.r0.a1.ahv.config.CloudInitDataSourceType

[Up](#)

Type of datasource. Default: CONFIG_DRIVE_V2

vmm.v4.r0.a1.ahv.config.ClusterReference

[Up](#)

Reference to a cluster.

extId (optional)
[String](#) Globally unique identifier of a cluster. It should be of type UUID.

vmm.v4.r0.a1.ahv.config.CpuFeature

[Up](#)

The list of additional CPU features to be enabled. HardwareVirtualization: Indicates whether hardware assisted virtualization should be enabled for the Guest OS or not. Once enabled, the Guest OS can deploy a nested hypervisor.

vmm.v4.r0.a1.ahv.config.CreateCdRomResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/cd-roms Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.CreateDiskResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/disks Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.CreateGpuResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/gpus Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.CreateNicResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/nics Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.CreateSerialPortResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/serial-ports Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.CreateVmResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.Credential

[Up](#)

Sign in credentials for the server.

username (optional)

[String](#)

password (optional)

[String](#)

vmm.v4.r0.a1.ahv.config.CrossClusterMigrateVmResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/migrate Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.CustomKeyValues

[Up](#)

A collection of key/value pairs.

keyValuePair (optional)

[array\[common.v1.r0.a3.config.KVPair\]](#) The list of the individual KeyValuePair elements.

vmm.v4.r0.a1.ahv.config.CustomizeGuestVmResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/customize-guest Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.DataSource

[Up](#)

A reference to a disk or image that contains the contents of a disk.

reference (optional)

oneOf: [vmm.v4.r0.a1.ahv.config.ImageReference](#)

[vmm.v4.r0.a1.ahv.config.VmDiskReference](#)

vmm.v4.r0.a1.ahv.config.DeleteCdRomResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/cd-roms/{extId} Delete operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.DeleteDiskResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/disks/{extId} Delete operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.DeleteGpuResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/gpus/{extId} Delete operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.DeleteNicResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/nics/{extId} Delete operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.DeleteSerialPortResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/serial-ports/{extId} Delete operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.DeleteVmResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId} Delete operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.DisassociateVmCategoriesParams

[Up](#)

List of categories to be disassociated from the VM.

categories (optional)

[array\[vmm.v4.r0.a1.ahv.config.CategoryReference\]](#)

vmm.v4.r0.a1.ahv.config.DisassociateVmCategoriesResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/disassociate-categories Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.Disk

[Up](#)

Virtual Machine disk (VM disk).

diskAddress (optional)

[vmm.v4.r0.a1.ahv.config.DiskAddress](#)

backingInfo (optional)

Supporting storage to create virtual disk on.

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

vmm.v4.r0.a1.ahv.config.DiskAddress

[Up](#)

Disk address.

busType (optional)

[vmm.v4.r0.a1.ahv.config.DiskBusType](#)

index (optional)

[Integer](#) Device index on the bus. This field is ignored unless the bus details are specified. format: int32

vmm.v4.r0.a1.ahv.config.DiskBusType

[Up](#)

Bus type for the device. The acceptable values are: SCSI, IDE, PCI, SATA, SPAPR (only PPC).

vmm.v4.r0.a1.ahv.config.DiskMigrationParams

[Up](#)

Specifies the disks of a VM for migration and the migration plan for them. If all the disks of a VM need to be migrated to the same storage container, only a single migration plan with only the external id of destination storage container is needed. If the disks are being migrated to different containers, one plan per disk needs to be specified.

migrateDisks (optional)

oneOf: [vmm.v4.r0.a1.ahv.config.MigrationPlans](#)
[vmm.v4.r0.a1.ahv.config.AllDisksMigrationPlan](#)

vmm.v4.r0.a1.ahv.config.EjectCdRomResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/cd-roms/{extId}/\$actions/eject Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.EmulatedNic

[Up](#)

Defines a NIC emulated by the hypervisor

model (optional)
[vmm.v4.r0.a1.ahv.config.EmulatedNicModel](#)
 macAddress (optional)
[String](#) MAC address of the emulated NIC.
 isConnected (optional)
[Boolean](#) Indicates whether the NIC is connected or not. Default is True.
 numQueues (optional)
[Integer](#) The number of Tx/Rx queue pairs for this NIC.

vmm.v4.r0.a1.ahv.config.EmulatedNicModel

[Up](#)

Options for the NIC emulation.

vmm.v4.r0.a1.ahv.config.EnforcementMode

[Up](#)

Policy enforcement mode informs us about what the policy engine is currently doing to enforce the policy on the entity. Monitoring indicates that the policy engine is simply monitoring the entity state. Enforcing means that the policy engine is currently trying to enforce the policy on the entity. Enforcement failed indicates that the policy engine encountered a non-transient error and requires user intervention to fix the problem, the error message gives the reason for the error in this case.

vmm.v4.r0.a1.ahv.config.GetCdRomResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/cd-roms/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [vmm.v4.r0.a1.ahv.config.CdRom](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.GetDiskResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/disks/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [vmm.v4.r0.a1.ahv.config.Disk](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.GetGpuResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/gpus/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [vmm.v4.r0.a1.ahv.config.Gpu](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.GetGuestToolsResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/guest-tools Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [vmm.v4.r0.a1.ahv.config.GuestTools](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.GetNicResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/nics/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [vmm.v4.r0.a1.ahv.config.Nic](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.GetSerialPortResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/serial-ports/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [vmm.v4.r0.a1.ahv.config.SerialPort](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.GetVmResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [vmm.v4.r0.a1.ahv.config.Vm](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.Gpu

[Up](#)

Graphics resource information for the Virtual Machine.

mode (optional)

[vmm.v4.r0.a1.ahv.config.GpuMode](#)

deviceId (optional)

[Integer](#) The device Id of the GPU. format: int32

vendor (optional)

[vmm.v4.r0.a1.ahv.config.GpuVendor](#)

pciAddress (optional)

[vmm.v4.r0.a1.ahv.config.SBDF](#)

guestDriverVersion (optional)

[String](#) Last determined guest driver version.

name (optional)

[String](#) Name of the GPU resource.

frameBufferSizeBytes (optional)

[Long](#) GPU frame buffer size in bytes. format: int64

numVirtualDisplayHeads (optional)

[Integer](#) Number of supported virtual display heads. format: int32

fraction (optional)

[Integer](#) Fraction of the physical GPU assigned. format: int32

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

vmm.v4.r0.a1.ahv.config.GpuMode

[Up](#)

The mode of this GPU.

vmm.v4.r0.a1.ahv.config.GpuVendor

[Up](#)

The vendor of the GPU.

vmm.v4.r0.a1.ahv.config.GuestCustomizationParams

[Up](#)

Stage a Sysprep or cloud-init configuration file to be used by the guest for the next boot. Note that the Sysprep command must be used to generalize the Windows VMs before triggering this API call.

config (optional)

The Nutanix Guest Tools customization settings.

oneOf: [vmm.v4.r0.a1.ahv.config.Sysprep](#) [vmm.v4.r0.a1.ahv.config.CloudInit](#)

vmm.v4.r0.a1.ahv.config.GuestPowerOptions

[Up](#)

Nutanix Guest Tools shutdown mode options.

guestPowerStateTransitionConfig (optional)

[vmm.v4.r0.a1.ahv.config.GuestPowerStateTransitionConfig](#)

vmm.v4.r0.a1.ahv.config.GuestPowerStateTransitionConfig

[Up](#)

Additional configuration for Nutanix Guest Tools power state transition.

shouldEnableScriptExec (optional)

[Boolean](#) Indicates whether to run the set script before the VM shutdowns/restarts.

shouldFailOnScriptFailure (optional)

[Boolean](#) Indicates whether to abort VM shutdown/restart if the script fails.

vmm.v4.r0.a1.ahv.config.GuestTools[Up](#)

The details about Nutanix Guest Tools for a VM.

version (optional)

[String](#) Version of Nutanix Guest Tools installed on the VM.

isInstalled (optional)

[Boolean](#) Indicates whether Nutanix Guest Tools is installed on the VM or not.

isEnabled (optional)

[Boolean](#) Indicates whether Nutanix Guest Tools is enabled or not.

isIsoInserted (optional)

[Boolean](#) Indicates whether Nutanix Guest Tools ISO is inserted or not.

capabilities (optional)

[array\[vmm.v4.r0.a1.ahv.config.NgtCapability\]](#) The list of the application names that are enabled on the guest VM.

availableVersion (optional)

[String](#) Version of Nutanix Guest Tools available on the cluster.

guestOsVersion (optional)

[String](#) Version of the operating system on the VM.

isReachable (optional)

[Boolean](#) Indicates whether the communication from VM to CVM is active or not.

isVssSnapshotCapable (optional)

[Boolean](#) Indicates whether the VM is configured to take VSS snapshots through NGT or not.

isVmMobilityDriversInstalled (optional)

[Boolean](#) Indicates whether the VM mobility drivers are installed on the VM or not.

vmm.v4.r0.a1.ahv.config.GuestToolsInsertConfig[Up](#)

Argument for inserting a Nutanix Guest Tools ISO into an available slot.

capabilities (optional)

[array\[vmm.v4.r0.a1.ahv.config.NgtCapability\]](#) The list of the application names that are enabled on the guest VM.

isConfigOnly (optional)

[Boolean](#) Indicates that the Nutanix Guest Tools are already installed on the guest VM, and the ISO is being inserted to update the configuration of these tools.

vmm.v4.r0.a1.ahv.config.GuestToolsInstallConfig[Up](#)

Arguments for installing Nutanix Guest Tools.

capabilities (optional)

[array\[vmm.v4.r0.a1.ahv.config.NgtCapability\]](#) The list of the application names that are enabled on the guest VM.

credential (optional)

[vmm.v4.r0.a1.ahv.config.Credential](#)

rebootPreference (optional)

[vmm.v4.r0.a1.ahv.config.RebootPreference](#)

vmm.v4.r0.a1.ahv.config.GuestToolsUpgradeConfig[Up](#)

Arguments for upgrading Nutanix Guest Tools.

rebootPreference (optional)

[vmm.v4.r0.a1.ahv.config.RebootPreference](#)

vmm.v4.r0.a1.ahv.config.HostReference[Up](#)

Reference to the host, the VM is running on.

extId (optional)

[String](#) Globally unique identifier of a host. It should be of type UUID.

vmm.v4.r0.a1.ahv.config.ImageReference[Up](#)

Clone a disk from an image.

imageExtId (optional)

[String](#) Globally unique identifier of an image. It should be of type UUID.

vmm.v4.r0.a1.ahv.config.InsertCdRomResponse[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/cd-roms/{extId}/\$actions/insert Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.InsertVmGuestToolsResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/guest-tools/\$actions/insert-iso Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.InstallType

[Up](#)

Indicates whether the guest will be freshly installed using this unattend configuration, or this unattend configuration will be applied to a pre-prepared image. Default is 'PREPARED'.

vmm.v4.r0.a1.ahv.config.InstallVmGuestToolsResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/guest-tools/\$actions/install Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.Ipv4Config

[Up](#)

The IP address configurations.

shouldAssignIp (optional)

[Boolean](#) If set to true (default value), an IP address must be assigned to the VM NIC - either the one explicitly specified by the user or allocated automatically by the IPAM service by not specifying the IP address. If false, then no IP assignment is required for this VM NIC.

ipAddress (optional)

[common.v1.r0.a3.config.Ipv4Address](#)

secondaryIpAddressList (optional)

[array\[common.v1.r0.a3.config.Ipv4Address\]](#) Secondary IP addresses for the NIC.

vmm.v4.r0.a1.ahv.config.Ipv4Info

[Up](#)

The runtime IP address information of the NIC.

learnedIpAddresses (optional)

[array\[common.v1.r0.a3.config.Ipv4Address\]](#) The IP addresses as found on the guest VM for the NIC.

vmm.v4.r0.a1.ahv.config.IsoType

[Up](#)

Type of ISO image inserted in CD-ROM

vmm.v4.r0.a1.ahv.config.LegacyBoot

[Up](#)

Legacy boot mode and its associated configuration.

bootDevice (optional)

oneOf: [vmm.v4.r0.a1.ahv.config.BootDeviceDisk](#)

[vmm.v4.r0.a1.ahv.config.BootDeviceNic](#)

bootOrder (optional)

[array\[vmm.v4.r0.a1.ahv.config.BootDeviceType\]](#) Indicates the order of device types in which the VM should try to boot from. If the boot device order is not provided the system will decide an appropriate boot device order.

vmm.v4.r0.a1.ahv.config.ListCdRomsResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/cd-roms Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.ListDisksResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/disks Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.ListGpusResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/gpus Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.ListNicsResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/nics Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.ListSerialPortsResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/serial-ports Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.ListVmsResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.MachineType

[Up](#)

Machine type for the VM. Machine type Q35 is required for secure boot and does not support IDE disks.

vmm.v4.r0.a1.ahv.config.MigrateDiskReference

[Up](#)

Reference to an existing VM disk that needs to be migrated.

diskExtId (optional)
[String](#) Globally unique identifier of a VM disk. It should be of type UUID.
 diskAddress (optional)
[vmm.v4.r0.a1.ahv.config.DiskAddress](#)

vmm.v4.r0.a1.ahv.config.MigrateDisksResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/migrate-disks Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.MigrateNicConfig

[Up](#)

Configurations for migrating a VM NIC.

subnet
[vmm.v4.r0.a1.ahv.config.SubnetReference](#)
 migrateType
[vmm.v4.r0.a1.ahv.config.MigrateNicType](#)
 ipAddress (optional)
[common.v1.r0.a3.config.IPv4Address](#)

vmm.v4.r0.a1.ahv.config.MigrateNicResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/nics/{extId}/\$actions/migrate Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.MigrateNicType

[Up](#)

The type of IP address management for NIC migration.

vmm.v4.r0.a1.ahv.config.MigrationPlans

[Up](#)

List of migration plans for VM disks.

plans (optional)
[array\[vmm.v4.r0.a1.ahv.config.ADSFDiskMigrationPlan\]](#)

vmm.v4.r0.a1.ahv.config.NetworkFunctionChainReference

[Up](#)

The network function chain associates with the NIC. Only valid if nic_type is NORMAL_NIC.

extId (optional)
[String](#) Globally unique identifier of a network function chain. It should be of type UUID.

vmm.v4.r0.a1.ahv.config.NetworkFunctionNicType

[Up](#)

The type of this Network function NIC. Defaults to INGRESS.

vmm.v4.r0.a1.ahv.config.NgtCapability

[Up](#)

The capabilities of the Nutanix Guest Tools in the VM.

vmm.v4.r0.a1.ahv.config.Nic

[Up](#)

Virtual Machine NIC.

backingInfo (optional)
[vmm.v4.r0.a1.ahv.config.EmulatedNic](#)
 networkInfo (optional)
[vmm.v4.r0.a1.ahv.config.NicNetworkInfo](#)
 extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.
 links (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

vmm.v4.r0.a1.ahv.config.NicNetworkInfo

[Up](#)

Network information for a NIC.

nicType (optional)
[vmm.v4.r0.a1.ahv.config.NicType](#)
 networkFunctionChain (optional)
[vmm.v4.r0.a1.ahv.config.NetworkFunctionChainReference](#)
 networkFunctionNicType (optional)
[vmm.v4.r0.a1.ahv.config.NetworkFunctionNicType](#)
 subnet (optional)
[vmm.v4.r0.a1.ahv.config.SubnetReference](#)
 vlanMode (optional)
[vmm.v4.r0.a1.ahv.config.VlanMode](#)
 trunkedVlans (optional)
[array\[Integer\]](#) List of networks to trunk if VLAN mode is marked as TRUNKED. If empty and VLAN mode is set to TRUNKED, all the VLANs are trunked.
 shouldAllowUnknownMacs (optional)
[Boolean](#) Indicates whether an unknown unicast traffic is forwarded to this NIC or not. This is applicable only for the NICs on the overlay subnets.
 ipv4Config (optional)
[vmm.v4.r0.a1.ahv.config.Ipv4Config](#)
 ipv4Info (optional)
[vmm.v4.r0.a1.ahv.config.Ipv4Info](#)

vmm.v4.r0.a1.ahv.config.NicType

[Up](#)

NIC type. Defaults to NORMAL_NIC.

vmm.v4.r0.a1.ahv.config.NvramDevice[Up](#)

Configuration for NVRAM to be presented to the VM.

backingStorageInfo (optional)
[vmm.v4.r0.a1.ahv.config.VmDisk](#)

vmm.v4.r0.a1.ahv.config.OwnerReference[Up](#)

Owner reference.

extId (optional)
[String](#) Globally unique identifier of a VM owner. It should be of type UUID.

vmm.v4.r0.a1.ahv.config.OwnershipInfo[Up](#)

Ownership information for the VM.

owner (optional)
[vmm.v4.r0.a1.ahv.config.OwnerReference](#)

vmm.v4.r0.a1.ahv.config.PolicyComplianceState[Up](#)

Compliance state enum.

vmm.v4.r0.a1.ahv.config.PolicyReference[Up](#)

Reference to the policy object in use.

extId (optional)
[String](#) Globally unique identifier of an instance. It should be of type UUID.

vmm.v4.r0.a1.ahv.config.PowerCycleVmResponse[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/power-cycle Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.PowerOffVmResponse[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/power-off Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.PowerOnVmResponse[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/power-on Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.PowerState[Up](#)

The current power state of the VM.

vmm.v4.r0.a1.ahv.config.ProtectionInfo[Up](#)

Information about the state of the policy.

replicationStatus (optional)
[vmm.v4.r0.a1.ahv.config.ProtectionInfoReplicationStatus](#)

vmm.v4.r0.a1.ahv.config.ProtectionInfoReplicationStatus[Up](#)

Replication status of the entity.

vmm.v4.r0.a1.ahv.config.ProtectionPolicyState[Up](#)

Status of protection policy applied to this VM.

complianceStatus (optional)
[vmm.v4.r0.a1.ahv.config.PolicyComplianceState](#)
 enforcementMode (optional)
[vmm.v4.r0.a1.ahv.config.EnforcementMode](#)
 policy (optional)
[vmm.v4.r0.a1.ahv.config.PolicyReference](#)
 policyInfo (optional)
[vmm.v4.r0.a1.ahv.config.ProtectionInfo](#)

vmm.v4.r0.a1.ahv.config.ProtectionType

[Up](#)

The type of protection applied on a VM. PD_PROTECTED indicates a VM is protected using the Prism Element. RULE_PROTECTED indicates a VM protection using the Prism Central.

vmm.v4.r0.a1.ahv.config.QosConfig

[Up](#)

QoS parameters to be enforced.

throttledIops (optional)
[Integer](#) Throttled IOPS for the governed entities. The block size for the I/O is 32 kB.

vmm.v4.r0.a1.ahv.config.RebootPreference

[Up](#)

The restart schedule after installing or upgrading Nutanix Guest Tools.

scheduleType (optional)
[vmm.v4.r0.a1.ahv.config.ScheduleType](#)
 schedule (optional)
[vmm.v4.r0.a1.ahv.config.RebootPreferenceSchedule](#)

vmm.v4.r0.a1.ahv.config.RebootPreferenceSchedule

[Up](#)

Restart schedule.

startTime (optional)
[Date](#) The start time for a scheduled restart. format: date-time

vmm.v4.r0.a1.ahv.config.RebootVmResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/guest-reboot Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.RecoveryPlanState

[Up](#)

Status of a recovery plan.

complianceStatus (optional)
[vmm.v4.r0.a1.ahv.config.PolicyComplianceState](#)
 enforcementMode (optional)
[vmm.v4.r0.a1.ahv.config.EnforcementMode](#)
 policy (optional)
[vmm.v4.r0.a1.ahv.config.PolicyReference](#)
 policyInfo (optional)
[vmm.v4.r0.a1.ahv.config.ProtectionInfo](#)

vmm.v4.r0.a1.ahv.config.ReleaseIpResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/nics/{extId}/\$actions/release-ip Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.ResetVmResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/reset Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.RevertVmResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/revert Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.SBDF

[Up](#)

The (S)egment:(B)us:(D)evice.(F)unction hardware address. See [https://wiki.xen.org/wiki/Bus:Device.Function_\(BDF\)_Notation](https://wiki.xen.org/wiki/Bus:Device.Function_(BDF)_Notation) for more details.

segment (optional)

[Integer](#)

bus (optional)

[Integer](#)

device (optional)

[Integer](#)

func (optional)

[Integer](#)

vmm.v4.r0.a1.ahv.config.ScheduleType

[Up](#)

Schedule type for restart.

vmm.v4.r0.a1.ahv.config.SerialPort

[Up](#)

Indicates the configuration of serial ports of the VM.

isConnected (optional)

[Boolean](#) Indicates whether the serial port is connected or not.

index (optional)

[Integer](#) Index of the serial port.

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

vmm.v4.r0.a1.ahv.config.ShutdownVmResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/guest-shutdown Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.SubnetReference

[Up](#)

Network identifier for this adapter. Only valid if nic_type is NORMAL_NIC or DIRECT_NIC.

extId (optional)

[String](#) Globally unique identifier of a subnet. It should be of type UUID.

vmm.v4.r0.a1.ahv.config.Sysprep

[Up](#)

If this field is set, the guest will be customized using Sysprep. Either unattend_xml or custom_key_values should be provided. If custom_key_values are provided then the unattended answer file will be generated using these key-value pairs.

installType (optional)

[vmm.v4.r0.a1.ahv.config.InstallType](#)

sysprepScript (optional)

oneOf: [vmm.v4.r0.a1.ahv.config.Unattendxml](#)

[vmm.v4.r0.a1.ahv.config.CustomKeyValues](#)

vmm.v4.r0.a1.ahv.config.UefiBoot

[Up](#)

UEFI boot mode and its associated configuration.

isSecureBootEnabled (optional)

[Boolean](#) Indicate whether to enable secure boot or not.

nvrAmDevice (optional)
[vmm.v4.r0.a1.ahv.config.NvrAmDevice](#)

vmm.v4.r0.a1.ahv.config.Unattendxml

[Up](#)

This field contains a Sysprep unattend xml definition, as a string. The value must be base64 encoded.

value (optional)
[String](#)

vmm.v4.r0.a1.ahv.config.UninstallVmGuestToolsResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/guest-tools/\$actions/uninstall Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.UpdateDiskResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/disks/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.UpdateGuestToolsResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/guest-tools Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.UpdateNicResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/nics/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.UpdateSerialPortResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{vmExtId}/serial-ports/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.UpdateVmResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId} Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.UpgradeVmGuestToolsResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/guest-tools/\$actions/upgrade Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.Userdata

[Up](#)

The contents of the user_data configuration for cloud-init. This can be formatted as YAML, JSON, or could be a shell script. The value must be base64 encoded.

value (optional)

[String](#) The value for the cloud-init user_data.

vmm.v4.r0.a1.ahv.config.ValidateCrossClusterMigrateVmResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/ahv/config/vms/{extId}/\$actions/validate-migrate Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.ahv.config.VlanMode

[Up](#)

By default, all the virtual NICs are created in ACCESS mode, which permits only one VLAN per virtual network. TRUNKED mode allows multiple VLANs on a single VM NIC for network-aware user VMs.

vmm.v4.r0.a1.ahv.config.Vm

[Up](#)

VM configuration.

name (optional)

[String](#) VM name.

description (optional)

[String](#) VM description.

createTime (optional)

[Date](#) VM creation time. format: date-time

updateTime (optional)

[Date](#) VM last updated time. format: date-time

source (optional)

[vmm.v4.r0.a1.ahv.config.VmSourceReference](#)

numSockets (optional)

[Integer](#) Number of vCPU sockets. format: int32

numCoresPerSocket (optional)

[Integer](#) Number of cores per socket. format: int32

numThreadsPerCore (optional)

[Integer](#) Number of threads per core. format: int32

numNumaNodes (optional)

[Integer](#) Number of NUMA nodes. 0 means NUMA is disabled. format: int32

memorySizeBytes (optional)

[Long](#) Memory size in bytes. format: int64

isVcpuHardPinningEnabled (optional)

[Boolean](#) Indicates whether the vCPUs should be hard pinned to specific pCPUs or not.

isCpuPassthroughEnabled (optional)

[Boolean](#) Indicates whether to passthrough the host CPU features to the guest or not. Enabling this will make VM incapable of live migration.

enabledCpuFeatures (optional)

[array\[vmm.v4.r0.a1.ahv.config.CpuFeature\]](#) The list of additional CPU features to be enabled.

HardwareVirtualization: Indicates whether hardware assisted virtualization should be enabled for the Guest OS or not. Once enabled, the Guest OS can deploy a nested hypervisor.

isMemoryOvercommitEnabled (optional)

[Boolean](#) Indicates whether the memory overcommit feature should be enabled for the VM or not. If enabled, parts of the VM memory may reside outside of the hypervisor physical memory. Once enabled, it should be expected that the VM may suffer performance degradation.

isGpuConsoleEnabled (optional)

[Boolean](#) Indicates whether the vGPU console is enabled or not.

generationUuid (optional)

[String](#) Generation UUID of the VM. It should be of type UUID.

biosUuid (optional)

[String](#) BIOS UUID of the VM. It should be of type UUID.

categories (optional)

[array\[vmm.v4.r0.a1.ahv.config.CategoryReference\]](#) Categories for the VM.

ownershipInfo (optional)

[vmm.v4.r0.a1.ahv.config.OwnershipInfo](#)

host (optional)

[vmm.v4.r0.a1.ahv.config.HostReference](#)

cluster (optional)

[vmm.v4.r0.a1.ahv.config.ClusterReference](#)

availabilityZone (optional)

[vmm.v4.r0.a1.ahv.config.AvailabilityZoneReference](#)

guestCustomization (optional)

[vmm.v4.r0.a1.ahv.config.GuestCustomizationParams](#)

guestTools (optional)

[vmm.v4.r0.a1.ahv.config.GuestTools](#)

hardwareClockTimezone (optional)

[String](#) VM hardware clock timezone in IANA TZDB format (America/Los_Angeles).

isBrandingEnabled (optional)

[Boolean](#) Indicates whether to remove AHV branding from VM firmware tables or not.

bootConfig (optional)

Indicates the order of device types in which the VM should try to boot from. If the boot device order is not provided the system will decide an appropriate boot device order.

isVgaConsoleEnabled (optional)

[Boolean](#) Indicates whether the VGA console should be disabled or not.

machineType (optional)

[vmm.v4.r0.a1.ahv.config.MachineType](#)

powerState (optional)

[vmm.v4.r0.a1.ahv.config.PowerState](#)

vtpmConfig (optional)

[vmm.v4.r0.a1.ahv.config.VtpmConfig](#)

isAgentVm (optional)

[Boolean](#) Indicates whether the VM is an agent VM or not. When their host enters maintenance mode, once the normal VMs are evacuated, the agent VMs are powered off. When the host is restored, agent VMs are powered on before the normal VMs are restored. In other words, agent VMs cannot be HA-protected or live migrated.

isLiveMigrateCapable (optional)

[Boolean](#) Indicates whether the VM is capable of live migrating to another host or not, based on its configuration.

isCrossClusterMigrationInProgress (optional)

[Boolean](#) Indicates whether the VM is currently undergoing cross cluster migration.

storageConfig (optional)

[vmm.v4.r0.a1.ahv.config.ADSFVmStorageConfig](#)

disks (optional)

[array\[vmm.v4.r0.a1.ahv.config.Disk\]](#) Disks attached to the VM.

cdRoms (optional)

[array\[vmm.v4.r0.a1.ahv.config.CdRom\]](#) CD-ROMs attached to the VM.

nics (optional)

[array\[vmm.v4.r0.a1.ahv.config.Nic\]](#) NICs attached to the VM.

gpus (optional)

[array\[vmm.v4.r0.a1.ahv.config.Gpu\]](#) GPUs attached to the VM.

serialPorts (optional)

[array\[vmm.v4.r0.a1.ahv.config.SerialPort\]](#) Serial ports configured on the VM.

protectionType (optional)

[vmm.v4.r0.a1.ahv.config.ProtectionType](#)

protectionPolicyState (optional)

[vmm.v4.r0.a1.ahv.config.ProtectionPolicyState](#)

recoveryPlanStates (optional)

[array\[vmm.v4.r0.a1.ahv.config.RecoveryPlanState\]](#) Status of the recovery plans associated with the VM.

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

vmm.v4.r0.a1.ahv.config.VmCrossClusterMigrateOverrides

[Up](#)

Cross cluster migration overrides the VM configuration.

overrideNicList (optional)

[array\[vmm.v4.r0.a1.ahv.config.Nic\]](#) The NIC configuration to apply on the target cluster when migrating a VM from the source cluster to the target cluster.

vmm.v4.r0.a1.ahv.config.VmCrossClusterMigrateParams

[Up](#)

Input on how to migrate a VM across clusters.

targetAvailabilityZone (optional)

[vmm.v4.r0.a1.ahv.config.AvailabilityZoneReference](#)

targetCluster (optional)

[vmm.v4.r0.a1.ahv.config.ClusterReference](#)

isLiveMigration (optional)

[*Boolean*](#) Indicates if the migration is performed with a running VM.

overrides (optional)

[*vmm.v4.r0.a1.ahv.config.VmCrossClusterMigrateOverrides*](#)

vmm.v4.r0.a1.ahv.config.VmDisk

[Up](#)

Storage provided by Nutanix ADSF

diskExtId (optional)

[*String*](#) Globally unique identifier of a VM disk. It should be of type UUID.

diskSizeBytes (optional)

[*Long*](#) Size of the disk in Bytes format: int64

storageContainer (optional)

[*vmm.v4.r0.a1.ahv.config.VmDiskContainerReference*](#)

storageConfig (optional)

[*vmm.v4.r0.a1.ahv.config.VmDiskStorageConfig*](#)

dataSource (optional)

[*vmm.v4.r0.a1.ahv.config.DataSource*](#)

vmm.v4.r0.a1.ahv.config.VmDiskContainerReference

[Up](#)

This reference is for disk level storage container preference. This preference specifies the storage container to which this disk belongs.

extId (optional)

[*String*](#) Globally unique identifier of a VM disk container. It should be of type UUID.

vmm.v4.r0.a1.ahv.config.VmDiskReference

[Up](#)

Reference to an existing VM disk.

diskExtId (optional)

[*String*](#) Globally unique identifier of a VM disk. It should be of type UUID.

diskAddress (optional)

[*vmm.v4.r0.a1.ahv.config.DiskAddress*](#)

vmReference (optional)

[*vmm.v4.r0.a1.ahv.config.VmReference*](#)

vmm.v4.r0.a1.ahv.config.VmDiskStorageConfig

[Up](#)

Storage configuration for VM disks.

isFlashModeEnabled (optional)

[*Boolean*](#) Indicates whether the virtual disk is pinned to the hot tier or not.

vmm.v4.r0.a1.ahv.config.VmRecoveryPoint - VM Recovery Point

[Up](#)

A model that represents VM Recovery Point properties

vm (optional)

[*vmm.v4.r0.a1.ahv.config.Vm*](#)

locationAgnosticId (optional)

[*String*](#) Location agnostic identifier of the Recovery point.

name (optional)

[*String*](#) The name of the Recovery point.

creationTime (optional)

[*Date*](#) The UTC date and time in ISO-8601 format when the Recovery point is created. format: date-time

expirationTime (optional)

[*Date*](#) The UTC date and time in ISO-8601 format when the current Recovery point expires and will be garbage collected. format: date-time

status (optional)

[*dataprotection.v4.r0.a2.common.RecoveryPointStatus*](#)

recoveryPointType (optional)

[*dataprotection.v4.r0.a2.common.RecoveryPointType*](#)

consistencyGroupExtId (optional)

[*String*](#) The external identifier using that can be used to retrieve the consistency group using its URL.

consistencyGroupName (optional)

[*String*](#) Name of the Consistency group.

vendorSpecificProperties (optional)

[*array\[dataprotection.v4.r0.a2.common.VendorSpecificProperty\]*](#) List of additional metadata provided by the client at the time of Recovery point creation.

vmm.v4.r0.a1.ahv.config.VmReference

[Up](#)

This is a reference to a VM.

extId (optional)

[String](#) Globally unique identifier of a VM. It should be of type UUID.

vmm.v4.r0.a1.ahv.config.VmRevertParams - VM revert specification.

[Up](#)

Specify the VM Recovery Point Id to which the VM would be reverted.

vmRecoveryPointExtId

[String](#) The external identifier of the VM Recovery Point.

vmm.v4.r0.a1.ahv.config.VmSourceReference

[Up](#)

Reference to an entity that the VM should be cloned or created from.

entityType (optional)

[vmm.v4.r0.a1.ahv.config.VmSourceReferenceEntityType](#)

extId (optional)

[String](#) Globally unique identifier of a VM. It should be of type UUID.

vmm.v4.r0.a1.ahv.config.VmSourceReferenceEntityType

[Up](#)

vmm.v4.r0.a1.ahv.config.VtpmConfig

[Up](#)

Indicates how the vTPM for the VM should be configured.

isVtpmEnabled (optional)

[Boolean](#) Indicates whether the virtual trusted platform module is enabled for the Guest OS or not.

version (optional)

[String](#) Virtual trusted platform module version.

vmm.v4.r0.a1.error.AppMessage

[Up](#)

This schema is generated from AppMessage.java

message (optional)

[String](#)

severity (optional)

[common.v1.r0.a3.config.MessageSeverity](#)

code (optional)

[String](#)

locale (optional)

[String](#) The locale for the message description.

errorGroup (optional)

[String](#)

argumentsMap (optional)

[map\[String, String\]](#)

vmm.v4.r0.a1.error.ErrorResponse

[Up](#)

This schema is auto-generated by the Open API Dev Platform as REST response for 4xx and 5xx error responses.

error (optional)

oneOf: [vmm.v4.r0.a1.error.SchemaValidationError](#)

vmm.v4.r0.a1.error.MessageSeverity

[Up](#)

Enum schema MessageSeverity

vmm.v4.r0.a1.error.SchemaValidationError

[Up](#)

This schema is generated from SchemaValidationError.java

timestamp (optional)

[String](#)

statusCode (optional)

[Integer](#)

error (optional)

[String](#)

path (optional)

[String](#)

validationErrorMessages (optional)

[array\[vmm.v4.r0.a1.error.SchemaValidationErrorMessage\]](#)

vmm.v4.r0.a1.error.SchemaValidationErrorMessage[Up](#)

This schema is generated from SchemaValidationErrorMessage.java

location (optional)
[String](#)
message (optional)
[String](#)
attributePath (optional)
[String](#)

vmm.v4.r0.a1.esxi.config.AssignVmOwnerResponse[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/esxi/config/vms/{extId}/\$actions/assign-owner Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.esxi.config.AssociateVmCategoriesParams[Up](#)

List of categories to be associated to the VM.

categories (optional)
[array\[vmm.v4.r0.a1.esxi.config.CategoryReference\]](#)

vmm.v4.r0.a1.esxi.config.AssociateVmCategoriesResponse[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/esxi/config/vms/{extId}/\$actions/associate-categories Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.esxi.config.CategoryReference[Up](#)

Reference to a category.

extId (optional)
[String](#) Globally unique identifier of an instance. It should be of type UUID.

vmm.v4.r0.a1.esxi.config.ClusterReference[Up](#)

Reference to a cluster.

extId (optional)
[String](#) Globally unique identifier of an instance. It should be of type UUID.

vmm.v4.r0.a1.esxi.config.DisassociateVmCategoriesParams[Up](#)

List of categories to be disassociated from the VM.

categories (optional)
[array\[vmm.v4.r0.a1.esxi.config.CategoryReference\]](#)

vmm.v4.r0.a1.esxi.config.DisassociateVmCategoriesResponse[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/esxi/config/vms/{extId}/\$actions/disassociate-categories Post operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.esxi.config.GetNutanixGuestToolsResponse[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/esxi/config/vms/{extId}/nutanix-guest-tools Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
data (optional)
oneOf: [vmm.v4.r0.a1.esxi.config.NutanixGuestTools](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.esxi.config.GetVmResponse[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/esxi/config/vms/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [vmm.v4.r0.a1.esxi.config.Vm](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.esxi.config.HostReference

[Up](#)

Reference to the host, the VM is running on.

extId (optional)

[String](#) Globally unique identifier of a host. It should be of type UUID.

vmm.v4.r0.a1.esxi.config.InsertNutanixVmGuestToolsResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/esxi/config/vms/{extId}/nutanix-guest-tools/\$actions/insert-iso Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.esxi.config.InstallNutanixVmGuestToolsResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/esxi/config/vms/{extId}/nutanix-guest-tools/\$actions/install Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.esxi.config.ListVmsResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/esxi/config/vms Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.esxi.config.NutanixCredential

[Up](#)

Sign in credentials for the server.

username (optional)

[String](#)

password (optional)

[String](#)

vmm.v4.r0.a1.esxi.config.NutanixGuestTools

[Up](#)

The details about Nutanix Guest Tools for a VM.

version (optional)

[String](#) Version of Nutanix Guest Tools installed on the VM.

isInstalled (optional)

[Boolean](#) Indicates whether Nutanix Guest Tools is installed on the VM or not.

isEnabled (optional)

[Boolean](#) Indicates whether Nutanix Guest Tools is enabled or not.

isIsoInserted (optional)

[Boolean](#) Indicates whether Nutanix Guest Tools ISO is inserted or not.

capabilities (optional)

[array\[vmm.v4.r0.a1.esxi.config.NutanixGuestToolsCapability\]](#) The list of the application names that are enabled on the guest VM.

availableVersion (optional)

[String](#) Version of Nutanix Guest Tools available on the cluster.

guestOsVersion (optional)

[String](#) Version of the operating system on the VM.

isReachable (optional)

[Boolean](#) Indicates whether the communication from VM to CVM is active or not.

isVssSnapshotCapable (optional)

[Boolean](#) Indicates whether the VM is configured to take VSS snapshots through NGT or not.

isVmMobilityDriversInstalled (optional)

[Boolean](#) Indicates whether the VM mobility drivers are installed on the VM or not.

vmm.v4.r0.a1.esxi.config.NutanixGuestToolsCapability

[Up](#)

The capabilities of the Nutanix Guest Tools in the VM.

vmm.v4.r0.a1.esxi.config.NutanixGuestToolsInsertConfig

[Up](#)

Argument for inserting a Nutanix Guest Tools ISO into an available slot.

capabilities (optional)

[array\[vmm.v4.r0.a1.esxi.config.NutanixGuestToolsCapability\]](#) The list of the application names that are enabled on the guest VM.

vmm.v4.r0.a1.esxi.config.NutanixGuestToolsInstallConfig

[Up](#)

Arguments for installing Nutanix Guest Tools.

capabilities (optional)

[array\[vmm.v4.r0.a1.esxi.config.NutanixGuestToolsCapability\]](#) The list of the application names that are enabled on the guest VM.

credential (optional)

[vmm.v4.r0.a1.esxi.config.NutanixCredential](#)

rebootPreference (optional)

[vmm.v4.r0.a1.esxi.config.NutanixRebootPreference](#)

vmm.v4.r0.a1.esxi.config.NutanixGuestToolsUpgradeConfig

[Up](#)

Arguments for upgrading Nutanix Guest Tools.

rebootPreference (optional)

[vmm.v4.r0.a1.esxi.config.NutanixRebootPreference](#)

vmm.v4.r0.a1.esxi.config.NutanixRebootPreference

[Up](#)

The restart schedule after installing or upgrading Nutanix Guest Tools.

scheduleType (optional)

[vmm.v4.r0.a1.esxi.config.NutanixScheduleType](#)

schedule (optional)

[vmm.v4.r0.a1.esxi.config.NutanixRebootPreferenceSchedule](#)

vmm.v4.r0.a1.esxi.config.NutanixRebootPreferenceSchedule

[Up](#)

Restart schedule.

startTime (optional)

[Date](#) The start time for a scheduled restart. format: date-time

vmm.v4.r0.a1.esxi.config.NutanixScheduleType

[Up](#)

Schedule type for restart.

vmm.v4.r0.a1.esxi.config.OwnerReference

[Up](#)

Owner reference.

entityType (optional)

[vmm.v4.r0.a1.esxi.config.OwnerReferenceEntityType](#)

extId (optional)

[String](#) Globally unique identifier of an instance. It should be of type UUID.

vmm.v4.r0.a1.esxi.config.OwnerReferenceEntityType

[Up](#)

vmm.v4.r0.a1.esxi.config.OwnershipInfo

[Up](#)

Ownership information for the VM.

owner (optional)

[vmm.v4.r0.a1.esxi.config.OwnerReference](#)

vmm.v4.r0.a1.esxi.config.UninstallNutanixVmGuestToolsResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/esxi/config/vms/{extId}/nutanix-guest-tools/\$actions/uninstall Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.esxi.config.UpdateNutanixGuestToolsResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/esxi/config/vms/{extId}/nutanix-guest-tools Put operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.esxi.config.UpgradeNutanixVmGuestToolsResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/esxi/config/vms/{extId}/nutanix-guest-tools/\$actions/upgrade Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.esxi.config.Vm

[Up](#)

VM configuration.

name (optional)

[String](#) VM name.

cluster (optional)

[vmm.v4.r0.a1.esxi.config.ClusterReference](#)

host (optional)

[vmm.v4.r0.a1.esxi.config.HostReference](#)

description (optional)

[String](#) VM description.

categories (optional)

[array\[vmm.v4.r0.a1.esxi.config.CategoryReference\]](#) Categories for the VM.

ownershipInfo (optional)

[vmm.v4.r0.a1.esxi.config.OwnershipInfo](#)

nutanixGuestTools (optional)

[vmm.v4.r0.a1.esxi.config.NutanixGuestTools](#)

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

vmm.v4.r0.a1.images.CancelPlacementTasks

[Up](#)

Indicates whether the tasks running to enforce policy should be canceled. These would be checkout and uncheckout tasks to placement remove images from the cluster(s).

cancelRunningTasks (optional)

[Boolean](#) Boolean to indicate if tasks running to enforce image placement policy should be suspended.

vmm.v4.r0.a1.images.CategoryReference

[Up](#)

Reference to a category.

extId

[String](#)

vmm.v4.r0.a1.images.ClusterEntityFilter - Category Based Cluster Filter.

[Up](#)

Category based Cluster filter.

type

[vmm.v4.r0.a1.images.FilterMatchType](#)

params

[map\[String, array\[String\]\]](#) A list of category key and list of values.

vmm.v4.r0.a1.images.ClusterIdList - List of cluster extIds.

[Up](#)

List of cluster extIds.

clusterIds (optional)

[array\[String\]](#) List of cluster extIds.

vmm.v4.r0.a1.images.ClusterImages

[Up](#)

Reference to a Prism Element cluster and respective retained images.

clusterExtId

[String](#)

imagesExtIds

[array\[String\]](#)

vmm.v4.r0.a1.images.ClusterRateLimitStatus - Cluster image rate limit status.

[Up](#)

Cluster image rate limit status.

clusterId (optional)

[String](#) Cluster extId.

effectiveRateLimitName (optional)

[String](#) Name of the image rate limit currently enforced for a cluster.

effectiveRateLimitId (optional)

[String](#) Image rate limit extId currently enforced for a cluster.

effectiveRateLimitKbps (optional)

[Integer](#) The currently enforced rate limit for a cluster in Kbps.

vmm.v4.r0.a1.images.ClusterReference

[Up](#)

Reference to a cluster.

extId

[String](#)

vmm.v4.r0.a1.images.ComplianceStatus

[Up](#)

Compliance status for a placement policy.

vmm.v4.r0.a1.images.EffectiveRateLimit - Effective rate limit for a cluster.

[Up](#)

The enforced rate limit on cluster when multiple image rate limit policies apply.

clusterId (optional)

[String](#)

rateLimit (optional)

[vmm.v4.r0.a1.images.RateLimit](#)

vmm.v4.r0.a1.images.EnforcementMode

[Up](#)

Indicates whether placement policy enforcement is ongoing or has failed.

vmm.v4.r0.a1.images.EnforcementState

[Up](#)

Enforcement status of the image placement policy.

vmm.v4.r0.a1.images.EntityFilter - Category-based entity filter.

[Up](#)

Category-based entity filter.

type

[vmm.v4.r0.a1.images.FilterMatchType](#)

params

[map\[String, array\[String\]\]](#) A list of category key and list of values.

vmm.v4.r0.a1.images.FilterMatchType

[Up](#)

The matching done by the filter.

vmm.v4.r0.a1.images.Image

[Up](#)

metadata (optional)

[common.v1.r0.a3.config.Metadata](#)

name

[String](#)

description (optional)

[String](#)

type
[vmm.v4.r0.a1.images.ImageType](#)

checksum (optional)
[vmm.v4.r0.a1.images.ImageChecksum](#)

sizeBytes (optional)
[Long](#) The size in bytes of an image file. format: int64

source (optional)
 The source of an image. It can be a VM disk or a URL. If not mentioned, the image will be inactive until a file is uploaded for it.

categories (optional)
[array\[vmm.v4.r0.a1.images.CategoryReference\]](#) Categories for an image.

initialClusterLocations (optional)
[array\[vmm.v4.r0.a1.images.ClusterReference\]](#) Cluster details for the image location.

lastUpdateTime (optional)
[Date](#) Last update time of an image. format: date-time

extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

vmm.v4.r0.a1.images.ImageApiResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/images/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [vmm.v4.r0.a1.images.Image](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.images.ImageCategoriesApiResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/images/{extId}/categories Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.images.ImageChecksum

[Up](#)

The checksum of an image.

type
[vmm.v4.r0.a1.images.ImageChecksumType](#)

hexDigest
[String](#)

vmm.v4.r0.a1.images.ImageChecksumType

[Up](#)

The checksum algorithm of an image.

vmm.v4.r0.a1.images.ImageClusterLocationListApiResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/images/{extId}/cluster-locations Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.images.ImageListApiResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/images Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.images.ImagePlacementPolicyListApiResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/images/{extId}/placement-policies Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)
 data (optional)
 oneOf: [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.images.ImageReference

[Up](#)

Reference to an image.

extId
[String](#)

vmm.v4.r0.a1.images.ImageType

[Up](#)

The type of an image.

vmm.v4.r0.a1.images.ImagesTaskApiResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/images/{extId}/categories Put operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.images.PlacementPolicy

[Up](#)

metadata (optional)
[common.v1.r0.a3.config.Metadata](#)

name
[String](#) Name of the image placement policy.

description (optional)
[String](#) Description of the image placement policy.

placementType
[vmm.v4.r0.a1.images.PlacementType](#)

imageEntityFilter
[vmm.v4.r0.a1.images.EntityFilter](#)

clusterEntityFilter
[vmm.v4.r0.a1.images.EntityFilter](#)

enforcementState (optional)
[vmm.v4.r0.a1.images.EnforcementState](#)

extId (optional)
[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)
[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

vmm.v4.r0.a1.images.PlacementPolicyApiResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/images/placement-policies/{extId} Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [vmm.v4.r0.a1.images.PlacementPolicy](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.images.PlacementPolicyListApiResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/images/placement-policies Get operation

metadata (optional)
[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)
 oneOf: [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.images.PlacementPolicyReference

[Up](#)

Reference to a placement policy.

extId
[String](#)

vmm.v4.r0.a1.images.PlacementPolicyStatus

[Up](#)

Status of an image placement policy.

extId

[String](#)

complianceStatus

[vmm.v4.r0.a1.images.ComplianceStatus](#)

enforcementMode

[vmm.v4.r0.a1.images.EnforcementMode](#)

policyClusters (optional)

[array\[vmm.v4.r0.a1.images.ClusterReference\]](#) Clusters details of the image location for the enforced placement policy.

enforcedClusters (optional)

[array\[vmm.v4.r0.a1.images.ClusterReference\]](#) Clusters for the enforced placement policy.

conflictingPolicies (optional)

[array\[vmm.v4.r0.a1.images.PlacementPolicyReference\]](#) Placement policies that conflict with the current one.

vmm.v4.r0.a1.images.PlacementType

[Up](#)

Type of the image placement policy.

vmm.v4.r0.a1.images.RateLimit

[Up](#)

metadata (optional)

[common.v1.r0.a3.config.Metadata](#)

name

[String](#) Name of the image rate limit policy.

description (optional)

[String](#) A description for the current image rate limit.

rateLimitKbps

[Integer](#) Network bandwidth in Kbps that the rate limited image operation can utilize.

clusterEntityFilter

[vmm.v4.r0.a1.images.ClusterEntityFilter](#)

clusterStatusList (optional)

[array\[vmm.v4.r0.a1.images.ClusterRateLimitStatus\]](#) Image rate limit status of each affected cluster.

unsupportedClustersIdList (optional)

[array\[String\]](#) List of cluster extIds matched by the policy which do not support image rate limits.

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

vmm.v4.r0.a1.images.RateLimitApiResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/images/rate-limits/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [vmm.v4.r0.a1.images.RateLimit](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.images.RateLimitIdList - List of image rate limits extIds.

[Up](#)

List of image rate limits extIds.

rateLimitIds (optional)

[array\[String\]](#) List of image rate limits extIds.

vmm.v4.r0.a1.images.RateLimitListApiResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/images/rate-limits Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.images.RateLimitTask - Object with a rate limit and task extIds.

[Up](#)

Object with a rate limit and task extIds.

rateLimitId (optional)

[String](#) Image rate limit extId.

taskReference (optional)

[prism.v4.r0.a2.config.TaskReference](#)

vmm.v4.r0.a1.images.RateLimitTaskListApiResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/images/rate-limits/\$actions/delete Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.images.ResolveRateLimitsApiResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/images/rate-limits/\$actions/resolve Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.images.UrlSource

[Up](#)

URL for creating an image.

url

[String](#)

allowInsecure (optional)

[Boolean](#) Ignore the certificate errors, if the value is true. Default is false.

vmm.v4.r0.a1.images.VmDiskSource

[Up](#)

VM disk for creating an image. VM disk extId is available from the <code>disks</code> list in VMs APIs.

extId

[String](#)

vmm.v4.r0.a1.templates.CompleteGuestUpdateSpec

[Up](#)

Input to Template Complete Guest OS Update.

versionName

[String](#) Template version name. This will be the default VM name prefix when a VM is deployed from this template.

versionDescription

[String](#) A description for template version.

setActiveVersion (optional)

[Boolean](#) Indicates whether the version has to be a Gold version or not.

vmm.v4.r0.a1.templates.GuestUpdateStatus

[Up](#)

VM reference for Template guest updates.

deployedVmReference (optional)

[UUID](#) VM reference UUID. format: uuid

vmm.v4.r0.a1.templates.InitiateGuestUpdateSpec

[Up](#)

Input to Template Guest OS update.

versionNumber (optional)

[Integer](#) Template Version number format: int32

vmm.v4.r0.a1.templates.Template

[Up](#)

templateName (optional)

[String](#) Template Name.

templateDescription (optional)

[String](#) A description for the Template.

templateVersionSpec (optional)

[vmm.v4.r0.a1.templates.TemplateVersionSpec](#)

setActiveVersion (optional)

[Boolean](#) Indicates whether the version has to be a Gold version or not.

activeVersionNumber (optional)

[Integer](#) The current gold version. format: int32

guestUpdateStatus (optional)

[vmm.v4.r0.a1.templates.GuestUpdateStatus](#)

createdAt (optional)

[Date](#) Created Time. format: date-time

lastUpdatedAt (optional)

[Date](#) Last Update Time. format: date-time

createdBy (optional)

[String](#) The user who created the Template.

lastUpdatedBy (optional)

[String](#) The user who updated the Version in Template.

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

vmm.v4.r0.a1.templates.TemplateApiResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/templates/{extId} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [vmm.v4.r0.a1.templates.Template](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.templates.TemplateDeployment

[Up](#)

Deploy VM Config from the Template.

versionNumber (optional)

[Integer](#) Template Version number format: int32

numberOfVms

[Integer](#) Number / Count of VMs to be deployed. format: int32

overrideVmConfigMap (optional)

[map\[String, vmm.v4.r0.a1.templates.VmConfigOverride\]](#) The map containing keys as VM index and corresponding VM override config as values which is used at the time of deployment.

clusterReference

[UUID](#) The UUID of the Cluster where the VM has to be deployed. This is mandatory to be specified for creating the VM. format: uuid

vmm.v4.r0.a1.templates.TemplateListApiResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/templates Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.templates.TemplatePublishSpec

[Up](#)

activeVersionNumber

[Integer](#) Template's active version which will be used as default for a VM deployment or a guest update format: int32

vmm.v4.r0.a1.templates.TemplateVersionApiResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/templates/{extId}/versions/{versionNumber} Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [vmm.v4.r0.a1.templates.TemplateVersionSpec](#)

[vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.templates.TemplateVersionListApiResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/templates/{extId}/versions Get operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.templates.TemplateVersionReference

[Up](#)

Template new version with Version Number and Override Config.

version

[Integer](#) Template Version number format: int32

overrideVmConfig

[vmm.v4.r0.a1.templates.VmConfigOverride](#)

vmm.v4.r0.a1.templates.TemplateVersionSpec

[Up](#)

versionName (optional)

[String](#) Template version name. This will be the default VM name prefix when a VM is deployed from this template.

versionDescription (optional)

[String](#) A description for template version.

versionNumber (optional)

[Integer](#) Template Version number format: int32

vmSpec (optional)

[String](#) VM configuration spec

createdAt (optional)

[Date](#) Created Time. format: date-time

createdBy (optional)

[String](#) The user who created the Version in Template.

versionSource (optional)

Source from which a version is created. It can be either a VM or an existing version of the template.

versionSourceDiscriminator (optional)

[String](#)

isGcOverrideEnabled (optional)

[Boolean](#) Allow or Disallow override of the Guest Customization during Template Deployment using this version.

extId (optional)

[String](#) A globally unique identifier of an instance that is suitable for external consumption.

links (optional)

[array\[common.v1.r0.a3.response.ApiLink\]](#) A HATEOAS style link for the response. Each link contains a user friendly name identifying the link and an address for retrieving the particular resource.

vmm.v4.r0.a1.templates.TemplatesTaskApiResponse

[Up](#)

REST response for all response codes in API path /vmm/v4.0.a1/templates/{extId}/\$actions/publish Post operation

metadata (optional)

[common.v1.r0.a3.response.ApiResponseMetadata](#)

data (optional)

oneOf: [prism.v4.r0.a2.config.TaskReference](#) [vmm.v4.r0.a1.error.ErrorResponse](#)

vmm.v4.r0.a1.templates.VmConfigOverride

[Up](#)

Overrides specification for VM create from a Template.

name (optional)

[String](#) VM name.

numSockets (optional)

[Integer](#) Number of vCPU sockets. format: int32

numCoresPerSocket (optional)

[Integer](#) Number of cores per socket. format: int32

numThreadsPerCore (optional)

[Integer](#) Number of threads per core. format: int32

memorySizeBytes (optional)

[Long](#) Memory size in bytes. format: int64

nics (optional)

[array\[vmm.v4.r0.a1.ahv.config.Nic\]](#) NICs attached to the VM.

guestCustomization (optional)

[vmm.v4.r0.a1.ahv.config.GuestCustomizationParams](#)

vmm.v4.r0.a1.templates.VmReference

[Up](#)

The source VM to create a new template

extId

[UUID](#) The source VM to create a new template format: uuid

guestCustomization (optional)

[String](#) VM guests may be customized at boot time using one of several different methods. Currently, cloud-init w/ ConfigDriveV2 (for Linux VMs) and Sysprep (for Windows VMs) are supported. Only ONE OF Sysprep or CloudInit should be provided. Note that guest customization can currently only be set during VM creation. Attempting to change it after creation will result in an error. Additional properties can be specified. For example - in the context of VM template creation if 'isOverridable' is set to 'True' then the deployer can upload their own custom script.