

Nutanix Hyper-converged Infrastructure

Cluster Deployment Service

BENEFITS

- Best Practice deployment of the Nutanix Enterprise Cloud Platform
- Delivered by Nutanix Xperts reducing deployment risk and accelerating time to value
- Includes as-built documentation and knowledge transfer

OVERVIEW

The HCI Cluster Deployment Service focuses on collaborating with customers to deploy the Nutanix Enterprise Cloud Platform with a choice of Nutanix Supported Hypervisors: AHV, vSphere, or Hyper-V. The clusters can be deployed on a range of supported hardware platforms from Nutanix, our OEM partners or other platform providers.



A certified Nutanix consultant will help you deploy your Nutanix cluster according to Nutanix best practices and your provided design documentation.

After the deployment, a customized Nutanix as-built document and updated configuration workbook will be created documenting the final configuration of the cluster

SERVICE SCOPE

Deploy one or more Nutanix clusters According to Customer provided design and configuration documentation

This fixed outcome service has three different sized scopes depending on the customer's needs. The pricing is based upon the total number of nodes to be deployed at a single physical customer site; up to a maximum of sixty-four (64) nodes. Customers deploying more than sixty-four (64) nodes can purchase multiple install services to cover the inventory.

Starter Service:

For customers who want a basic Infrastructure to accelerate time-to-value when adopting Nutanix HCI as their virtualization platform

REQUIREMENTS

- Power and cooling requirements according to underlying hardware specifications
- 10Gb Ethernet top-of-rack switches (2 ports per node)
- 100Mb/1Gb Ethernet management switch (1 port per node)
- Provide all pre-requisite information specified in the Nutanix Services Pre-install Questionnaire
- VMware/Microsoft/Nutanix licensing as required for the deployment
- Maximum of 64 nodes per installation service

Deployment Includes:

- Configure Layer 2 virtual networking on hypervisor hosts
 - Hypervisor vSwitch configuration for up to two (2) vSwitches and five (5) port groups
- Nutanix cluster deployment and configuration, including recommended firmware and AOS at a single physical site
- Hypervisor cluster deployment and configuration on the deployed Nutanix clusters
- Integrate vSphere cluster into an existing vCenter or deploy a single standalone VCSA server (vSphere only)
- Integrate Hyper-V cluster into an existing System Center Virtual Machine Manager (Hyper-V only)
- Prism Central deployment and Integration (optional)
- Test and Validate the deployed Clusters
- Generate As-Built documentation with architectural diagrams and test results
- Knowledge Transfer (up to two (2) hours) on the deployed clusters

Pro Services:

For customers looking for a more comprehensive infrastructure supporting Virtual Machine and/or File, Block or Object storage to drive adoption and increase the value of the Nutanix HCI Platform. This option is appropriate for deployment of dedicated Files or Objects clusters.

Deployment Includes:

- Starter Service
- Deployment of Nutanix Files, Volumes, or Objects on a single cluster at a single physical site according to an existing design (customer choice of one (1))
 - For Nutanix Files:
 - Deploy Nutanix Files
 - Configure File Server and Shares
 - Test and Validate the Files Deployment
 - For Nutanix Objects:
 - Enable Nutanix Objects
 - Deploy object store
 - Generate API keys
 - Configure bucket(s)
 - Test and validate the Nutanix Objects deployment
 - For Nutanix Volumes:
 - Configure the iSCSI target address
 - Configure Volume Groups
 - Test and Validate the Volumes Deployment

Ultimate Services:

For customers consolidating VM, File, Block and Object storage onto their Nutanix clusters maximizing density, functionality and value of the Nutanix Enterprise Cloud Platform.

DELIVERABLES

- Project Plan
- Project Status Reports
- Deployment of Nutanix clusters at a single physical location
- As-Built documents for clusters deployed
- Remotely executed Test Plan and testing results
- Knowledge Transfer
- Project Close Out

Deployment Includes:

- Starter Service
- Deployment of any combination of Nutanix Files, Volumes and Objects on a single or multiple clusters at a single physical site according to existing designs
 - For Nutanix Files:
 - Deploy Nutanix Files
 - Configure File Server and Shares
 - Test and Validate the Files Deployment
 - For Nutanix Objects:
 - Deploy Nutanix Objects
 - Configure Buckets
 - Test and Validate the Objects Deployment
 - For Nutanix Volumes:
 - Configure the iSCSI target address
 - Configure Volume Groups
 - Test and Validate the Volumes Deployment

TASK

	Starter	Pro	Ultimate
Nutanix HCI Cluster Deployment (duration varies based upon node and cluster count and hypervisor selection)	Typically 2-3 days	Typically 3-4 days	Typically 4-5 days

TERMS AND CONDITIONS

Pre-paid fees for services are non-cancellable and non-refundable except as otherwise expressly stated herein, and Nutanix's obligations to perform any services in return for any pre-paid fees shall expire twelve (12) months after receipt of the applicable purchase order. The Client has five (5) days upon delivery of the Services to notify Nutanix that the Services do not meet the warranty above or are otherwise not accepted. Absent such notification in the timeline stated in the preceding sentence, the Services shall be deemed accepted.

WARRANTY AND ACCEPTANCE

- The Professional Services shall be provided in a professional manner with reasonable care and skill. Your sole remedy for breach of this warranty shall be reperformance of the Professional Services at no additional cost, provided that You notify Us of any non-conformity within thirty (30) days of the provision of the non-conforming Professional Services. A breach of one SOW or Service shall not amount to a breach under any other SOW or Service. The services and deliverables above are the entire expected scope of this service. Any items not explicitly included above are outside the scope of this offering.
- Limitations and exclusions. To the extent permitted by applicable laws, the foregoing warranties are your sole and exclusive warranties and remedies. Except for the warranties specifically described above, all products and services are provided "as-is" and all other warranties including but not limited to the implied warranties of merchantability, acceptable quality, title, fitness for a particular purpose and non-infringement are expressly disclaimed.



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