

# Nutanix Hyper-converged Infrastructure

## Backup Architecture Implementation Service

### BENEFITS

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

### OVERVIEW

The HCI Backup Architecture Implementation Service focuses on collaborating with customers to deploy Nutanix native data protection services and integration with choice of Nutanix Supported Hypervisor: AHV, vSphere, or Hyper-V.



A certified Nutanix consultant will help you deploy and configure Nutanix Timestream or Mine according to Nutanix best practices and your existing design documentation.

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

### SERVICE SCOPE

#### **Deploy and configure Nutanix data protection according to Customer provided design and configuration documentation**

This fixed outcome service has three (3) different scope options depending on the customer needs. The service is priced based upon the scope selected, and the number of configurations required by the design. Configurations are based upon packs of either five (5) policies or five (5) protection domains as appropriate to the technology selected. Customers deploying more than five (5) policies or protection domains can purchase multiple packs to cover the inventory.

#### **Timestream:**

For customers who want to utilize native Nutanix Snapshots for data protection to accelerate time-to-value when adopting Nutanix HCI as their virtualization platform

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## 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

### Deployment Includes:

- Review existing design documentation, RPO and RTO requirements
- Review sizing of Nutanix snapshots
- Configure up to five (5) protection domains (per pack purchased)
- Assign virtual machines to the protection domains according to the design
- Test and Validate recovery of up to five (5) non-production protected virtual machines
- Generate As-Built documentation with architectural diagrams and test results
- Knowledge Transfer (up to two (2) hours)

### Mine with Veeam:

For customers deploying the Nutanix Mine appliance utilizing the Veeam backup engine for data protection and recovery.

### Deployment Includes:

- Deploy dedicated Mine cluster of up to eight (8)
  - Review layer 2 networking requirements
  - Single cluster deployment at a single site
  - Configure Nutanix AHV and AOS to support Mine
  - Integrate Mine cluster into Prism Central (optional)
  - Test and validate the deployed cluster
- Deployment of Nutanix Mine
  - Deploy Foundation for Mine VM
  - Deploy Veeam backup engine
  - Configure integration between Veeam and Prism
- Configuration of Veeam Backup Engine (per policy pack)
  - Configure up to five (5) of the following sources:
    - vCenter Server source
    - AHV Cluster source
    - Hyper-v Cluster
    - Physical Linux sources
    - Physical Windows Sources
  - Configure up to five (5) backup policies and assign the configured sources based upon the existing design
- Perform test backup and restore of a non-production item
  - One virtual machine
  - One file level restore

### Mine with HYCU:

For customers deploying the Nutanix Mine appliance utilizing the HYCU backup engine for data protection and recovery.

### Deployment Includes:

- Deploy dedicated Mine cluster of up to eight (8) nodes
  - Review layer 2 networking requirements
  - Single cluster deployment at a single site
  - Configure Nutanix AHV and AOS to support Mine
  - Integrate Mine cluster into Prism Central (optional)
  - Test and validate the deployed cluster

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## DELIVERABLES

- Project Plan
  - Project Status Reports
  - Deployment of Nutanix data protection at a single physical location
  - As-Built documents for clusters deployed
  - Remotely executed Test Plan and testing results
  - Knowledge Transfer
  - Project Close Out
- Deployment of Nutanix Mine
    - Deploy HYCU backup engine
    - Configure integration between HYCU and Prism
    - Configure Nutanix Target on the Mine cluster
  - Configuration of HYCU Backup Engine (per policy pack)
    - Configure up to five (5) of the following sources
      - vCenter Server source
      - AHV Cluster source
      - Nutanix Files source
      - Physical Linux sources
      - Physical Windows Sources
    - Configure up to five (5) backup policies and assign the configured sources based upon the existing design
  - Perform test backup and restore of a non-production item
    - One virtual machine
    - One file level restore

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## TASK

	Timestream	Mine w/Veeam	Mine w/HYCU
Nutanix Infrastructure Modernization Nutanix Backup Architecture Implementation (duration varies based upon technology and number of configurations created)	Typically 1-2 days	Typically 2-4 days	Typically 2-4 days

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## 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

- (a) 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.
- (b) 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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