DATASHEET

Infrastructure Modernization

HCI Backup Architecture Deployment

BENEFITS

- Ensure optimal deployment and setup of the Nutanix Enterprise Cloud platform with consultants employing best practices
- Reduce deployment risk and accelerate time to value by engaging our experienced Nutanix consultants
- Rapidly gain understanding from a knowledge transfer session and use the custom as-built documentation as a reference

OVERVIEW

The HCI Backup Architecture Deployment focuses on collaborating with you to deploy Nutanix-native data protection services and integration with your choice of a Nutanix-supported hypervisor: AHV, vSphere or Hyper-V.

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

After the deployment, the Nutanix consultant develops a customized Nutanix as-built document and creates an updated configuration workbook documenting the final configuration of the backup architecture solution.

SERVICE SCOPE

Deploy and configure Nutanix backup architecture according to design and configuration documentation provided by you

This fixed-outcome service has 3 different scope options based on the scope selected and the number of configurations required by the design. Configurations are based upon packs of either 5 policies or 5 protection domains, as appropriate to the technology selected. If you plan to deploy more than 5 policies or protection domains, you'll need to 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 your virtualization platform

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PREREQUISITES

- Power and cooling requirements according to underlying hardware specifications
- 10 Gb ethernet top-of-rack switches (2 ports per node)
- 100 Mb/1 Gb ethernet management switch (one port per node)
- The Nutanix Services Pre-install Questionnaire completed with prerequisite data
- VMware/Microsoft/Nutanix licensing required for the deployment

Deployment includes:

- Review existing design documentation as well as RPO and RTO requirements
- Review sizing of Nutanix snapshots
- Configure up to 5 protection domains (per pack purchased)
- Assign virtual machines (VMs) to the protection domains according to the design
- Test and validate recovery of up to 5 non-production-protected VMs
- Generate as-built documentation with architectural diagrams and test results
- Conduct knowledge transfer session (up to 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 8 nodes
  - Review Layer 2 networking requirements
  - Deploy one cluster 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
- Deploy Nutanix Mine
  - Deploy foundation for Mine VM
  - Deploy Veeam backup engine
  - Configure integration between Veeam and Prism
- Configure Veeam Backup Engine (per policy pack)
  - Configure up to 5 of the following sources:
    - vCenter server source
    - AHV cluster source
    - Hyper-v cluster
    - Physical Linux sources
    - Physical Windows sources
  - Configure up to 5 backup policies and assign the configured sources based upon the existing design
- Perform test backup and restoration 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 8 nodes
  - Review Layer 2 networking requirements
  - Deploy one cluster 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 schedule
- Project status reports
- Deployment of Nutanix data protection at a single physical location
- As-built documents for clusters deployed
- Remotely executed test plan and test results
- Knowledge transfer session
- Project close out

- Deploy Nutanix Mine
  - Deploy HYCU backup engine
  - Configure integration between HYCU and Prism
  - Configure Nutanix Target on the Mine cluster
- Configure HYCU backup engine (per policy pack)
  - Configure up to 5 of the following sources:
    - vCenter server source
    - AHV cluster source
    - Nutanix Files source
    - Physical Linux sources
    - Physical Windows sources
  - Configure up to 5 backup policies and assign the configured sources based upon the existing design
- Perform test backup and restoration of a non-production item
  - One virtual machine
  - One file-level restore

TASK

	Timestream	Mine with Veeam	Mine with HYCU
Nutanix infrastructure modernization, Nutanix backup architecture implementation (duration varies based on technology and number of configurations created)	Typically 1-2 days	Typically 2-4 days	Typically 2-4 days

TERMS AND CONDITIONS

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