NUS Mine Backup Appliance Deployment

Product Code: CNS-INF-A-SVC-DPD-MIN

At-a-Glance

Stage: Deploy

The Nutanix Unified Storage (NUS) Mine Backup Appliance Deployment accelerates the deployment of the Nutanix Mine dedicated backup solution with in-depth expertise from highly skilled consultants. IT Teams have a choice of available backup vendors when deploying component VMs on the on-premises dedicated NUS cluster, where the cluster storage is used to store backup workloads. This offer is ideal for the Deploy stage of a Hybrid Multicloud journey.

Service Scope

Highly skilled consultants with solid domain expertise and rich experience begin by deploying and configuring the dedicated NUS cluster. After the cluster deployment, the consultant then deploys and configures the Mine Backup Appliance for one of the supported backup tools according to Nutanix recommended practices and customer-provided design document. After the deployment, the consultant creates a customized as-built document and updated configuration workbook to document the final configuration of the NUS cluster.

The service includes the following activities:

- Deploy dedicated NUS cluster
    - o Review layer 2 networking requirements
    - o Deploy cluster
    - o Configure Nutanix AHV and NUS to support Mine
    - o Integrate dedicated NUS cluster into Prism Central (optional)
    - o Test and validate the deployed dedicated NUS cluster
- Deploy Nutanix Mine
    - o Deploy foundation for Nutanix Mine VM
    - o Deploy the backup engine
    - o Configure integration between Veeam and Prism (as needed)
- Configure backup tool (per policy pack)
    - o Configure up to five of the backup sources listed below
    - o Configure backup policies and assign the configured sources based on the existing design
- Perform test backup and restore of a non-production VM
    - o VM-level restore
    - o File-level restore

Limitations

- Dedicated NUS cluster limited to single on-premises cluster with up to 8 nodes at a single physical site
- Backup tool configuration limited to a single supported backup tool
- Backup configuration limited to 5 sources and five backup policies
- Test backup and restore limited to a single VM-level restore and a single file-level restore

Supported Hypervisor

- Nutanix AHV

Supported Backup Tools

- HYCU
- Veeam
- Commvault

Supported Backup Sources

- Nutanix AHV
- VMware ESXi
- Microsoft Hyper-V
- Physical Linux sources
- Physical Windows sources

Prerequisites

- Fully supported and functional on-premises dedicated NCI cluster with up to 8 nodes that meets all product requirements for NUS and NUS Mine Backup Appliance

  Note: For information on the requirements for NCI Clusters, see Field Installation Overview in *the Field Installation Guide* on the Nutanix Support Portal.

- Completed Pre-install worksheet

Required Product Licenses

- Nutanix Unified Storage (NUS)
- Backup software licenses for the dedicated NUS cluster

Deliverables

- Project Kickoff
- Project Schedule
- Project Status Report(s)
- Deployment
- As-built Guide
- Project Closeout

Duration

Typically up to 4 days

> **Note:** Duration varies based on the backup tool and the number of backup policies created

Related Products

- Nutanix Unified Storage (NUS)
- NUS Mine Integrated Backup

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