

NUS Deployment

Product Code: CNS-NUS-A-SVC-DEP

At-a-Glance

Deploy

The Nutanix Unified Storage (NUS) Deployment service accelerates the deployment of NUS Files and Objects data services, providing software-defined storage solutions with in-depth expertise from highly skilled consultants. IT Storage teams have a choice of available deployment scenarios for on-premises NCI clusters, dedicated NUS clusters, or Nutanix Cloud Clusters (NC2). This offer is ideal during the Deploy stage of a hybrid multicloud journey.

Related Services

- NUS Design Workshop
- Infrastructure Design Workshop
- Infrastructure Deployment

Service Scope

Highly skilled consultants with extensive domain expertise begin with a thorough review of requirements outlined in the customer-provided Design Document. Nutanix consultants collaborate with key stakeholders to fulfill prerequisites and deploy and configure NUS. After the deployment, the consultant creates a customized As-built Guide and updated Configuration Workbook to document the final configuration of the cluster(s).

Essential Edition

For customers who want to a single instance of NUS Files or Objects on an on-premises NCI or NC2 cluster deployed within a single physical site.

The Essential Edition includes the following activities:

- Review the customer-provided Design Document, including requirements and planned configuration:
- Review and validate deployment prerequisites, including:
 - Questionnaires, Files binary, virtual networks, and IP addresses
 - Existing NCI or NC2 environment
 - Availability of other infrastructure services required for the deployment, including but not limited to Active Directory (AD), Domain Name Service (DNS), Network Time Protocol (NTP), directory services, identity services, etc.
- Deploy either NUS Files or Objects
- Deploy and configure the NUS data service per the customer-provided Design Document

NUS Files

- Configure File servers
- Assign IP addresses
- Create 20 shares
- Configure Internet content adaption protocol (ICAP)
- Verify File service is accessible
- Configure security according to the Design Document
- Configure NUS Files to support workload-specific needs according to the Design Document
- Test and validate NUS deployment
- Optional Activities for NUS Files
 - Configure standard Smart Tiering
 - Deploy and configure File Analytics (NUS Files only) or Data Lens

NUS Objects

- Assign IP addresses
- Deploy NUS Objects data service
- Create 5 Objects buckets
- Configure bucket options per the Design Document, including policies, versioning, lifecycle, and write once, read many (WORM)
- Configure certificates
- Verify NUS Objects data service is accessible
- Configure security according to Design Documentation
- Test and validate NUS Deployment
- Optional Activities for NUS Objects
 - Deploy and configure Data Lens

Advanced Edition

For customers who want to deploy NUS Files and/or Objects to a pair of on-premises NCI or NC2 clusters within a single physical site or across 2 physical sites for production and/or disaster recovery (DR) purposes.

The Advanced Edition includes the following activities:

- Everything included in the Essential Edition
- Deploy NUS Files and/or Objects as required at each site
- Complete the required configuration per the customer-provided Design Document

Optional Activities for the Advanced Edition

- NUS Files
 - Configure NUS Files DR per the Design Document; Protection Domain-based, Smart DR, or data sync.

- Verify DR failover
- NUS Objects
 - Configure NUS Objects replication per the Design Documentation

Limitations

- Excludes software deployment other than NUS software
- Excludes deployment and/or configuration of 3rd party software such as AD, DNS, NTP, and antivirus and backup solutions
- Excludes migration of existing data to NUS Files or NUS Objects

Note: If migration is needed, specific NUS Migration services are available

Essential Edition

- For each quantity purchased, deployment is limited to a single instance of NUS Files or Objects on an on-premises NCI or NC2 cluster deployed within a single physical site
- Configuration limited to 20 Files shares or 5 Objects buckets

Advanced Edition

- For each quantity purchased, deployment is limited to a pair of on-premises NCI or NC2 clusters deployed within a single physical site or across 2 physical sites

Supported Hypervisors

- Nutanix AHV

Prerequisites

- Fully supported and functional on-premises NCI cluster, dedicated NUS cluster, or NC2 cluster that meets all product requirements

Note: For NUS Files prerequisites, see Prerequisites in *Nutanix Files User's Guide* on the Nutanix Support Portal.

Note: For information on NUS Objects Prerequisites, see Objects Prerequisites and Limitation in *Nutanix Objects User's Guide* on the Nutanix Support Portal.

- Standard Smart Tiering for NUS Files requires that NUS Objects be deployed and configured within the environment
- Required certificates must be generated and made available by the customer
- Customer-provided Design Document
- Completed Pre-Install Questionnaire

Required Product Licenses

NCI and NC2 Clusters

- Nutanix Cloud Infrastructure (NCI)
- Nutanix Unified Storage (NUS) - Pro Edition required for NUS Files

- Hypervisor license for NCI

Dedicated NUS Clusters

- Nutanix Unified Storage (NUS) - Pro Edition required for NUS Files
- Hypervisor licenses for NUS

Delivered Artifacts

- Test Plan
- As-built Guide
- Configuration Workbook

Level of Effort

Essential	Advanced
Typically 3 days	Typically 5 days

Delivery Type

Delivery Type	Delivery Activities
Virtual	<ul style="list-style-type: none">• Virtual deployment

Related Products

- Nutanix Cloud Infrastructure (NCI)
- Nutanix Cloud Clusters (NC2)
- Nutanix Unified Storage (NUS)

Terms and Conditions

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