

# 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 document 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 standard Smart Tiering (optional)
- Configure security according to the Design document
- Configure NUS Files to support workload-specific needs according to the Design document
- Deploy and configure File Analytics (NUS Files only) or Data Lens (optional)

## 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
- Deploy and configure Data Lens (optional)

## 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

## NUS Files (Optional)

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

## NUS Objects (Optional)

- Configure NUS Objects replication per the Design documentation

## Limitations

- Excludes software deployment other than NUS software

- Excludes deployment and/or configuration of 3<sup>rd</sup> 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

## Duration

Essential	Advanced
Typically 3 days	Typically 5 days

## Related Products

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

## Terms and Conditions

This document contains the entire scope of the service offer. Anything not explicitly included above is out of scope. This service offer is subject to the Nutanix Services General Terms and Conditions, which can be viewed at <https://www.nutanix.com/support-services/consulting-services/terms-and-conditions>

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