

# 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 Active Directory (AD), Domain Name Service (DNS), Network Time Protocol (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.

- 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

## Deliverables

- Project Schedule
- As-built Guide

- Project Status Report(s)
- Deployment questionnaire
- Test Plan
- Configuration workbook
- Project Closeout

## 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

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