

# NCI with External Storage Integration

Product Codes: CNS-NCI-C-A-SVC-DELL-PF-INTG, CNS-NCI-C-A-SVC-PURE-FA-INTG

## At-a-Glance

### Stage: Deploy

The Nutanix Cloud Infrastructure (NCI) External Storage Integration service accelerates the deployment of NCI with external storage, ensuring a seamless and validated integration between compute and storage platforms.

Designed as a strategic step in your unified hybrid cloud journey—particularly during the Deploy phase—this service focuses on:

- Establishing a validated integration between your external storage and Nutanix Compute clusters
- Configuring Nutanix Compute clusters to leverage existing External Storage investments
- Streamlining deployment workflows to reduce complexity and time-to-value
- Enabling operational readiness for managing and scaling the integrated environment

## Related Services

- NCI with External Storage Readiness Workshop
- Infrastructure Design Workshop
- Infrastructure Deployment
- Virtual Machine Migration Workshop
- Virtual Machine Migration

## Service Scope

Certified Nutanix consultants, equipped with deep domain expertise and real-world experience, lead the integration of an existing Nutanix Compute cluster with a Nutanix-supported external storage array.

Following Nutanix-recommended practices and the customer-provided Design Document, the consultant ensures a precise and efficient integration.

Upon completion, the consultant delivers:

- A customized As-built Guide detailing the final integrated configuration
- An updated Configuration Workbook to support ongoing operations and future scalability

This comprehensive documentation ensures your teams have a clear, validated reference for managing and maintaining the integrated Nutanix Compute cluster and external storage environment.

The service includes the following activities:

- Review customer-provided Design and Configuration documentation
- Configure networking as per the supported external storage array requirements
  - Determine physical network adapters to use for Nutanix Compute cluster with external storage
  - Configure network segmentation and virtual switches

- Configure IP pool
- Configure logical network interface with external storage enabled
- Add external storage via Nutanix Prism
- Test and validate integration between the Nutanix Compute cluster and the external storage array

## Project Management

A Nutanix Project Manager (PM) oversees Nutanix resources and aligns execution with your goals, scope, and timelines.

Core Project Management activities may include the following:

- Serve as a single point of contact for all project communication
- End-to-end Nutanix resource management
- Coordinate change window(s) and implementation schedules with customer
- Track and facilitate readiness and prerequisite completion
- Conduct Project Kickoff/Tech Readiness meeting(s)
- Integrate customer resources into the high-level project timeline
- Send Status Update(s)
- Manage timeline(s)
- Deliver created artifacts to customer
- Facilitate project close-out activities

## Limitations

- For each quantity purchased, integration is limited to a single on-premises NCI or Nutanix Compute cluster
- Excludes reconfiguration of the external storage array
- Excludes deployment of the on-premises NCI or Nutanix Compute cluster

**Note:** For on-premises NCI or Nutanix Compute cluster deployment, see the *Infrastructure Deployment* offer.

- Excludes migration of workloads to the external storage environment
- Excludes creation of or updates to existing Design documentation
- Excludes physical cabling for new virtual switches
- Excludes integration with on-premises NC2, and dedicated NUS clusters with integrated storage

## Supported Hypervisors

- Nutanix AHV

## Supported External Storage Arrays

- Dell PowerFlex
- Pure FlashArray

## Project Management

- Excludes scheduling customer resources and activities
- Excludes detailed project plan (schedule) development and management
- Excludes responsibility for creating, managing, or delivering change management communications

## Prerequisites

- An existing supported and deployed on-premises NCI or Nutanix Compute cluster(s) that meets all product, hardware, and software requirements for integration with the External Storage Array as per the Nutanix Compatibility Matrix

**Note:** For information on product, hardware, and software requirements, see the *Nutanix Compatibility Matrix* on the Nutanix Support Portal.

- An existing production-ready supported and deployed external storage array with IP-based connectivity that meets all product and software requirements for integration with NCI
- Minimum of 2 spare or preconfigured network ports per NCI cluster for the storage data network configured with MTU and link speed matching the external storage array requirements.

## Required Product Licenses

- Nutanix Cloud Platform (NCI) or Nutanix Compute

## Delivered Artifacts

- Test Plan
- As-built Guide

## Level of Effort

Typically up to 1 day per Nutanix Compute cluster

## Delivery Type

Delivery Type	Delivery Activities
Virtual	<ul style="list-style-type: none"> <li>• Virtual integration</li> <li>• Virtual project management</li> </ul> <p><b>Note:</b> Any in-person project management activities will be provided solely at Nutanix's discretion</p>
In-person	<ul style="list-style-type: none"> <li>• In-person integration</li> <li>• Virtual project management</li> </ul> <p><b>Note:</b> Any in-person project management activities will be provided solely at Nutanix's discretion</p>

## Related Products

- Nutanix Cloud Platform (NCI)

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