

NCI-C Dell PowerFlex Integration

Product Code: CNS-NCI-C-A-SVC-DELL-PF-INTG

At-a-Glance

Stage: Deploy

The Nutanix Cloud Infrastructure Compute (NCI-C) Dell PowerFlex Integration service accelerates the deployment of NCI-C with Dell PowerFlex, 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 Dell PowerFlex and NCI-C
- Configuring NCI-C clusters to leverage existing Dell PowerFlex 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-C Dell PowerFlex 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 NCI-C with Dell PowerFlex. Following Nutanix-recommended practices and the customer-provided design document, the consultants ensure 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 NCI-C and Dell PowerFlex environment.

The service includes the following activities:

- Review customer-provided Design and Configuration documentation
- Configure networking as per Dell PowerFlex requirements
 - Determine physical network adapters to use for Dell PowerFlex
 - Configure network segmentation and virtual switches
 - Configure IP pool

- Configure logical network interface with external storage enabled
- Add external storage via Prism Central
- Install Dell PowerFlex Storage Data Client (SDC) for Nutanix
- Connect Prism Central to an existing Dell PowerFlex Manager and storage pool
- Test and validate integration between NCI-C and Dell PowerFlex

Limitations

- For each quantity purchased, integration is limited to a single NCI-C cluster
- Excludes reconfiguration of Dell PowerFlex storage pool or protection domains
- Excludes deployment of the NCI-C cluster

Note: For NCI-C cluster(s) deployment, see the *Infrastructure Deployment* offer.

- Excludes migration of workloads to Dell PowerFlex
- Excludes creation or updates to existing Design documentation
- Excludes physical cabling for new virtual switches

Supported Hypervisors

- Nutanix AHV

Prerequisites

- An existing supported and deployed NC-C cluster(s) that meets all product, hardware, and software requirements for integration with PowerFlex 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 Dell PowerFlex environment that meets all product and software requirements for integration with NCI
- Deployed and functioning Dell PowerFlex Manager
- Minimum of 2 spare or preconfigured network ports per NCI-C host for the Dell PowerFlex data network configured with an MTU of 9000, as per Dell PowerFlex requirements
- PowerFlex storage pool and protection domain must be configured on the Dell PowerFlex storage cluster

Note: For information on the requirements for integrating NCI-C clusters and Dell PowerFlex, see *Nutanix Cloud Platform with Dell PowerFlex Deployment Guide* on the Nutanix Support Portal.

Required Product Licenses

- Nutanix Cloud Infrastructure (NCI) or Nutanix Cloud Infrastructure Compute (NCI-C)

Artifacts Delivered

- Test Plan

- As-built Guide

Level of Effort

Typically up to 1 day (varies based upon the number of clusters purchased)

Delivery Type

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

Related Products

- Nutanix Cloud Infrastructure (NCI)
- Nutanix Cloud Infrastructure Compute (NCI-C)

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Nutanix Cloud Clusters (NC2) Services