

NCI Disaster Recovery Design

Product Code: CNS-INF-A-WRK-DRD

At-a-Glance

Stage: Design

The Nutanix Cloud Infrastructure (NCI) Disaster Recovery (DR) Design offers IT teams in-depth and practical guidance to create a comprehensive DR design for NCI based on Nutanix DR solutions, including Asynchronous, NearSync, Synchronous DR, and Metro Availability. This engagement is ideal during the Design stage of a hybrid multicloud journey.

Related Services

- NCI Disaster Recovery Deployment

Service Scope

Delivered by highly skilled consultants with strong domain expertise and rich experience to ensure that the disaster recovery solution requirements and required outcomes are identified. Design sessions require collaboration with key customer stakeholders from architecture, virtualization, and networking teams.

After the design session, the consultant develops a Nutanix DR Design Document and configuration workbook that addresses conceptual, logical, and physical NCI DR design elements. It also details requirements, constraints, assumptions, design decisions, identified risks, and mitigations.

The service includes the following activities:

- Gather and document solution requirements, constraints, assumptions, dependencies, and decisions, including recovery point (RPO) and recovery time (RTO) requirements
- Map RPO and RTO requirements into a DR solution
- Review Nutanix DR technologies and how each would fit into a solution
- Review virtual infrastructure components and integration with the DR solution
- Develop a plan for system functional validation testing

Synchronous, Asynchronous, or NearSync DR Solutions

- Design availability zones
- Design protection policies
- Design recovery plans
- Design custom IP mappings
- Design categories

Metro Availability Solutions

- Design remote sites
- Design witness
- Design containers

- Design DRS / Affinity / HA settings on VMware ESXi clusters

Protection Domain-based Solutions

- Design remote sites
- Design protection domains
- Design VM classification

Project Management

Nutanix Project Management (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/technical readiness meeting(s)
- Integrate customer resources into the high-level project timeline
- Send status update(s)
- Manage timeline(s)
- Deliver created artifacts to the customer
- Facilitate project closeout activities

Limitations

- For each quantity purchased, design is limited to a single multicluster environment
- Excludes design for Nutanix Multicloud Snapshot Technology (MST).

Design for MST is available as part of the NC2 Design.

Supported Hypervisors

- Nutanix AHV
- VMware ESXi

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

- None

Required Product Licenses

- None

Delivered Artifacts

Delivered Artifact	Description
Design Document	Captures the customer's solution architecture based on design session outcomes, detailing both high-level and low-level designs. It documents requirements, constraints, assumptions, and risks, and provides clear rationale for design decisions to ensure the solution meets performance, availability, scalability, and other critical objectives.
Configuration Workbook	Captures all required configuration settings and decisions gathered during the design session to support accurate and consistent solution deployment.

Level of Effort

Typically up to 3 days

Delivery Type

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

Related Products

- Nutanix Cloud Infrastructure (NCI)
- Nutanix Cloud Clusters (NC2)

Terms and Conditions

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