

Nutanix Cluster Deployment Service

Program Benefits

Best practice, onsite deployment of Nutanix Enterprise Cloud platform

Delivered by Nutanix experts reducing deployment risk and accelerating time-to-value

Includes onsite knowledge transfer and As-Built documentation

Pre-Requisites

Power and cooling requirements according to underlying hardware specification

10Gb Ethernet top-of-rack switches (2 ports per node)

100Mb/1Gb Ethernet management switches (1 port per node)

Provide all pre-requisite information specified in the Nutanix Services Pre-Install Questionnaire such as network configurations, Active Directory

VMware/Microsoft/Citrix licensing (if applicable)

OVERVIEW

The Nutanix Cluster Deployment service provides customers with on-site deployment of a Nutanix Enterprise Cloud platform with choice of Nutanix supported hypervisor: AHV, vSphere, XenServer or Hyper-V. The Cluster can be deployed on a range of supported hardware platforms from Nutanix, our OEM partners and other platform providers. Please refer to <https://www.nutanix.com/products/hardware-platforms> for the supported hardware platforms. A certified Nutanix consultant will help you plan and deploy your Nutanix Cluster.

STANDARD SCOPE

- Plan and provide Layer 2 Virtual/ Physical network requirements for Nutanix Cluster (see Pre- Requisites); this service does not include configuring customers Ethernet switches
- Rack installation and in-rack cabling
- Nutanix Cluster deployment & configuration including firmware and Acropolis.
- Hypervisor cluster deployment & configuration.
- Hypervisor vSwitch configuration (up to 2 vSwitches and 5 Port Groups/VLANs)
- Prism Central deployment/integration
- Integrate vSphere cluster into an existing vCenter or deploy a standalone vCenter Server Appliance with embedded Platform Services Controller, if applicable
- Integrate Hyper-V cluster into an existing System Center - Virtual Machine Manager, if applicable
- Test & Validation of the deployment
- As-built documentation with Architectural diagrams & test results
- Knowledge Transfer up-to two hours
- Travel and Expenses included

TASK

Project Kickoff	Customer and Nutanix
Requirements gathering	Customer and Nutanix
Install & Configuration	Nutanix
Cluster Creation	Nutanix
Knowledge transfer workshop	Customer and Nutanix
VM Provision & Management	Customer
Project Signoff	Customer

OPTIONAL ADD-ON SCOPE

Nutanix Calm configuration and training

- Deliver a product overview session introducing Nutanix Calm
 - Prism Central, SSP, Calm architectural overview
- Deploy and configure Prism Central and Calm in your Nutanix environment including configuring up to two Nutanix Clusters
 - Publish a blueprint from the Nutanix Global Marketplace to your PC instance
 - Demonstrate Calm personas, constructs and actions using this blueprint

Nutanix Flow configuration and training

- Deliver a product overview session introducing Nutanix Flow
 - Architectural overview and review of Prism Central
 - Deep-dive session describing Flow constructs such as policies and categories on the customer Prism Central instance.
 - Demonstrate in a non-production environment, the creation of a microsegmentation policy that restricts/allows network traffic between two virtual machines.
 - Demonstrate in a non-production environment how an existing microsegmentation policy can be inherited through tagging by a newly provisioned virtual machine.

Nutanix Async Disaster Recovery Configuration

- Includes configuring up to 1 protection domain with 50 VMs between two sites
- Cross Hypervisor DR supported between vSphere and AHV
- Test and validation of failover and restore of up to 5 test VMs

Nutanix Metro Availability Configuration

- Includes corresponding vSphere clusters and witness configuration
- Includes configuring up to 1 protection domain with 50 VMs between two sites.
- Test and validation of failover and restore of up to 5 test VMs
- vSphere only

Configure Acropolis File Services (AFS)

- Includes file server and new file shares creation
- Test and validate the deployment
- Does not include file server migration service

Design and Build production-ready vCenter/SCVMM deployment

- Contact services@nutanix.com for this scope

Contact services@nutanix.com if you have additional scope or any questions about this service.



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Nutanix makes infrastructure invisible, elevating IT to focus on the applications and services that power their business. The Nutanix enterprise cloud platform leverages web-scale engineering and consumer-grade design to natively converge compute, virtualization and storage into a resilient, software-defined solution with rich machine intelligence. The result is predictable performance, cloud-like infrastructure consumption, robust security, and seamless application mobility for a broad range of enterprise applications. Learn more at www.nutanix.com or follow us on [Twitter @nutanix](https://twitter.com/nutanix).

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