

NC2 on Azure Deployment

Product Code: CNS-NC2-A-SVC-DEP-AZURE

At-a-Glance

Stage: Deploy

The Nutanix Cloud Clusters (NC2) on Microsoft Azure Deployment Service accelerates the rollout of NC2 environments on Azure Bare Metal, enabling seamless support for enterprise applications and workloads. This service includes integration with existing infrastructure components to ensure a cohesive hybrid environment. It is ideally suited for the Deploy phase of the hybrid multicloud journey, helping organizations move quickly and confidently to the cloud.

Related Services

- NC2 Design Workshop
- Infrastructure Design Workshop
- NCI Disaster Recovery Deployment

Service Scope

Expert consultants with deep domain expertise and industry experience begin by deploying the NC2 on Azure cluster in alignment with Nutanix recommended practices and the customer-approved Design Document. Upon successful deployment, the consultant delivers a tailored As-built Guide and updates the Configuration Workbook to accurately reflect the final NC2 cluster configuration, ensuring clear documentation for ongoing operations and support.

The service includes the following activities

- Deploy and configure an NC2 cluster on Azure:
 - Provide guidance for configuring cloud account, including subscriptions and whitelisting
 - Create Azure entities for NC2 landing zone
 - Create a new Azure resource group
 - Create new Azure vNets
 - Create subnets with appropriate delegation
 - Deploy and assign network address translation (NAT) gateway to subnets
 - Create Azure app registrations
 - Register Azure resource providers
 - Configure my.nutanix.com workspace and subscribe to the NC2 solution
 - Add the Azure subscription as a cloud account in the NC2 Management Console
 - Deploy a Nutanix cluster on Azure via the NC2 console to an existing subscription
 - Deploy Prism Central on Azure to or integrate with an existing compatible Prism Central on Azure
 - Deploy and configure Flow Virtual Networking (FVN) virtual public cloud (VPC)

- Deploy and integrate Nutanix Flow Gateway with existing virtual private network (VPN) or Express Route
- Integrate with LDAP using existing Active Directory (AD)
- Complete NC2 subscription and license reservation, if applicable
- Test and validate the deployed NC2 cluster

Optional Activities

- Integrate into Azure Route Server, vWAN or customer-owned firewall network virtual appliance
- Integrate with simple mail transfer protocol (SMTP) using an existing mail relay

Limitations

- For each quantity purchased, deployment is limited to a single NC2 cluster on Azure with a maximum of 28 nodes and 6 subnets (NAT or NoNAT)
- Excludes creation of or updates to existing Design Documentation
- Excludes on-premises routing and VPN endpoint/firewall configuration

Prerequisites

- Environment that meets Deployment Readiness Checklist

Note: The Deployment Readiness Checklist is delivered as part of the NC2 Design Workshop or the Infrastructure Design Workshop. Activities identified in the checklist must be completed prior to deployment.

- Customer-provided NC2 Design Document
- Completed Pre-Install Questionnaire
- Configured MyNutanix account to access the NC2 console
- Azure account with an active subscription
- Azure Entra ID and permissions to create an app registration in Azure AD with access to the new subscription
- Connectivity between on-premises datacenter and Azure

Note: For information on the NC2 on Azure deployment prerequisites, see the NC2 Deployment Prerequisites in the *Nutanix Cloud Clusters on Azure Deployment and User Guide* on the Nutanix Support Portal.

Related Product Licenses

- Nutanix Cloud Infrastructure (NCI)

Delivered Artifacts

- Test Plan
- As-built Guide
- Configuration Workbook

Level of Effort

Typically up to 4 days

Delivery Type

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

Related Products

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

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