

FastTrack for NCI Flow Virtual Networking VPC

Product Code: CNS-NET-FST-FVN

At-a-Glance

Stage: Deploy

FastTrack for Nutanix Cloud Infrastructure (NCI) Flow Virtual Networking (VPC) accelerates the deployment of software-defined network virtualization solutions in greenfield environments, which provide overlay capabilities for Nutanix AHV clusters, with in-depth networking expertise from highly skilled consultants. IT Network teams have a choice of available scenarios to enable Flow Virtual Networking for on-premises sites. This offer is ideal for the Deploy stage of a hybrid multicloud journey.

Service Scope

Highly skilled consultants with solid domain expertise and rich experience begin with an enablement and discovery session. After the enablement and discovery session, the consultant configures NCI Flow Virtual Networking for one of the available scenarios. Enablement sessions require collaboration with key customer stakeholders from networking, virtualization, and application teams.

Essential Edition

For customers who want to enable NCI Flow Virtual Networking for a single Prism Central instance.

The Essential Edition includes the following activities:

- Conduct NCI Flow Virtual Networking enablement and discovery session
 - Provide NCI Flow Virtual Networking architecture overview
 - Analyze and determine physical network readiness
 - Describe VPC implementation
 - Plan VPC subnets
 - Plan connectivity to external subnets
 - Gather and document NAT gateway implementation requirements
 - Identify static route requirements
 - Discover management plane and operational dependencies
- Configure Flow Virtual Networking on Prism Central
 - Integrate Flow Virtual Networking into an existing DNS service
 - Create an external network (NAT)
 - Create VPCs
 - Create subnets
 - Configure and assign floating IPs

- Create policy-based routing policies for the following use cases
 - Traffic flow between subnets
 - Traffic flow in/out of a VPC
- Create and execute a Flow Virtual Networking Test Plan to validate the solution

Advanced Edition

For customers who want to enable NCI Flow Virtual Networking for 2 Prism Central instances with VPN connectivity.

The Advanced Edition includes the following activities:

- Everything included in the Essential Edition
- Enable Flow Virtual Networking on both Prism Central instances
- Configure a VPN endpoint between Prism Central instances

Limitations

Essential Edition

- For each quantity purchased, the configuration is limited to a single Prism Central instance with
 - A single external network (NAT)
 - 5 VPCs, 10 subnets per VPC, and 5 floating IPs per VPC
 - 5 floating IPs per VPC and up to 10 VMs
 - 5 policy-based routing policies
- Limited to greenfield environments

Advanced Edition

- For each quantity purchased, the configuration is limited to two Prism Central instances
- VPN endpoint configuration is limited to the Nutanix VPN gateway

Supported Hypervisors

- Nutanix AHV

Prerequisites

- Fully supported and functional on-premises NCI cluster(s) or Nutanix Cloud Cluster (NC2) cluster(s) that meets all product requirements for Flow Virtual Networking

Note: For information on the requirements for configuring NCI Flow Virtual Networking, see *Prerequisites for Flow Virtual Networking* on the Nutanix Support Portal.

- At least one external VLAN accessible from Prism Central
- Access to customer networking team to implement static routes

Required Product Licenses

- Nutanix Cloud Infrastructure (NCI) Pro or Ultimate Edition

Delivered Artifacts

- Test Plan
- As-built Guide

Duration

Essential	Advanced
Typically up to 4 days	Typically up to 5 days

Related Products

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

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