

# FastTrack for NCI Flow Virtual Networking VPC

Product Code: CNS-INF-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, which provides overlay capabilities for on-premises 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.

### Starter Edition

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

The Starter Edition includes the following activities:

- Conduct NCI Flow Network Security 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

## Pro Edition

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

The Pro Edition includes the following activities:

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

## Limitations

### Starter Edition

Configuration limited to:

- 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

### Pro Edition

- VPN endpoint configuration is limited to the on-premises Nutanix VPN gateway

## Supported Hypervisors

- Nutanix AHV

## Prerequisites

- Fully supported and functional on-premises NCI cluster(s) that meets all product requirements for Flow Network Security

**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

## Deliverables

- Project Kickoff
- Project Status Report(s)
- Deployment
- As-built Guide
- Project Closeout

## Duration

Starter	Pro
Typically up to 4 days	Typically up to 5 days

## Related Products

- Nutanix Cloud Infrastructure (NCI)

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