NCI Flow Network Security Microsegmentation Design Workshop

Product Code: CNS-INF-A-WRK-MCR-STD

At-a-Glance

Stage: Design

The Nutanix Cloud Infrastructure (NCI) Flow Network Security Microsegmentation Design Workshop offers IT teams in-depth and practical guidance to create a comprehensive design for Flow Network Security which creates software-based firewalls that inspect traffic within the datacenter to protect and isolate workloads, users, and data. IT teams have a choice of scenarios to design for their on-premises NCI cluster or Nutanix Cloud Clusters (NC2) for Amazon Web Services (AWS). This offer is ideal for the Design stage of a Hybrid Multicloud journey.

Service Scope

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

After the design workshop, the consultant develops an NCI Flow Network Security Design document and configuration workbook that addresses requirements, constraints, and assumptions. The workbook also provides a detailed implementation plan and the list of required security policies and categories to be created and attached. The design of the security policies and categories will match one of the following use cases:

- End User Computing – Citrix Virtual Apps and Desktops, Frame
- 3-tier applications – presentation, application, data tiers
- Single-server applications – applications run on a single-server
- Server, service, virtual machine (VM), or environment isolation
- Service insertion and chaining

The service includes the following activities:

- Review AHV networking terminology
- Review features and functions of Flow Network Security, including microsegmentation, network service insertion, and network automation
- Discuss the design goals and gather communication requirements, including risks, constraints, and assumptions
- Assess the current state of systems to be segmented
- Assess network configuration impacts and requirements
- Develop security policies and categories for your selected use case
- Develop an implementation plan, process, and deployment waves

NUTANIX

- Develop a post-implementation validation and test plan
- Optionally license and enable Nutanix Flow Network Security

Limitations

- Development of security policies and categories is limited to 10 applications
- Configuration of categories and policies are not included

Supported Hypervisors

- Nutanix AHV

Prerequisites

- None

Required Product Licenses

- None

Deliverables

- Project Kickoff
- Project Schedule
- Project Status Report(s)
- Workshop

- Configuration Workbook
- Design Document (Standard or Enhanced Documentation only)
- Project Closeout

Note: This offer is available with several documentation options, defined here
https://www.nutanix.com/support-services/consulting-services/documentation-tiers

Duration

Typically up to 4 days

Related Products

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

Terms and Conditions

This document contains the entire scope of the service offer. Anything not explicitly included above is out of scope. This service offer is subject to the Nutanix Services General Terms and Conditions, which can be viewed at https://www.nutanix.com/support-services/consulting-services/terms-and-conditions