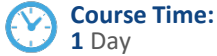


VMware NSX Technical Workshop

Course ID: ECSNSXTW1D



Course Description

This one-day technical workshop focuses on VMware NSX architecture and integration design with the Cisco Nexus based solution by providing an understanding of general design processes and frameworks. In addition to this, attendees will also look into design and deployment considerations for network virtualization as part of an overall software-defined data center design.

Learning Objectives

After this course you should have an understanding on how to:

- + Design a physical network to support network virtualization in a software-defined data center
- + Design logical network and security services
- + Design a data center rack solution to support scalability and high availability
- + Define NSX use cases for securing business critical applications and Horizon view environments
- + Understand NSX design considerations in a Cisco Nexus environment
- + Understand how NSX integrates with VMware vRA platform
- + Understand different tools that can be leveraged for NSX services automation

Who Should Attend

VMware partners and customers with:

- + Basic working experience with VMware NSX
- + Responsibilities in designing or deploying virtualized network architectures

VMware NSX Technical Workshop

(1 Day)

Course Content

Introduction and NSX Real World Use Cases

- + Why Customers Choose to Deploy VMware NSX

Module 1: NSX Architecture and Design Considerations (White Board and Slide Review)

- + Cluster Design
- + Distributed Logical Router Design
- + NSX Edge Design
- + Physical Underlay

Module 2: Use Case Design and Integration

- + Integrating NSX with vRA Platform
- + Integration with VRNI Log Insight
- + Integration with vRealize Ops
- + Securing Business Critical Applications with NSX
- + Securing Horizon View with NSX
- + Application Continuity for DRBC

Module 3: NSX Automation Tools - Ansible, PowerShell and Rest APIs

- + Ansible modules for NSX
- + PowerNSX – PowerShell cmdlets for NSX
- + Consuming NSX REST API's

Module 4: Design Considerations and Best Practices with Cisco UCS on Cisco NXOS, ACI and EVPN

- + NSX Networking requirements
- + NSX on Cisco UCS
- + Nexus 9000 Connectivity Options
- + Benefits of NSX with Nexus Infrastructure NSX on Cisco ACI fabric
- + NSX Design using ACI as Underlay
- + Cisco Connectivity Options with EVPN
- + OVSDB integration with Nexus 9000

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