5 Days

VMware NSX: Install, Configure, Manage [V6.2]

This is a comprehensive training and certification program that focuses on Installing, Configuring and Managing the VMware NSX. The training course has its foundation on the Software Defined-Data Center (SDDC) platform that will make you learn the functionalities of NSX to virtualize the switching environment.

The VMware NSX Install, Configure, Manage V6.2 training also allows routing of the dynamic virtual environments using gateway services, firewall configurations, and security services.

At Mercury Solutions, we provide the right learning platform for Network Virtualization. Professionals learn the required knowledge to configure and optimize the various NSX functions which they can apply to real-time business scenarios.

Course Details

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Course Outline

1. Course Introduction

- Course Objectives
- Course Introductions and logistics

2. Software-Defined Data Center

- Describe VMware NSX
- Describe VMware vSphere®
- Describe the evolution of the software-defined data center

3. Management and Control Plane Components

- Describe VMware NSX® Manager™
- Understand the management, control, and data planes
- Describe the VMware NSX® Controller™ cluster

4. Logical Switch Networks

- Describe VLAN
- Describe switch link aggregation
- Describe Ethernet fundamentals
- Describe VXLAN logical switch networks
- Describe VMware NSX Controller replication
- Describe VMware vSphere® Distributed Switch™

5. VMware NSX Logical Routing

- Discuss routing protocols
- Describe the NSX Edge services gateway
- Describe the VMware NSX logical router

6. VMware NSX L2 Bridging

- Describe L2 software bridging
- Describe L2 hardware bridging
- Understand L2 bridging and use cases

7. NSX Edge Gateway Services

- Configure L2 VPN
- Configure IPsec VPN
- Configure SSL VPN-Plus
- Describe load balancing
- Describe high availability
- Describe virtual private networking
- Describe network address translation

8. VMware NSX Firewall and Security Services

- Describe the Service Composer
- Describe VMware NSX data security
- Describe the NSX Edge firewall
- Describe the identity-aware firewall
- Describe the VMware NSX distributed firewall

9. Cross-vCenter VMware NSX

- Identify the benefits of the cross-vCenter VMware NSX feature
- Understand the cross-vCenter VMware NSX feature
- Configure the cross-vCenter VMware NSX feature
- Discuss the deployment models for cross-vCenter VMware NSX

Who Should Attend

The VMware NSX Install, Configure, Manage V6.2 training course is ideal for those working with the profiles of:

- ?Experienced system or network administrators

Pre Requisite

Required prerequisites include completion of one of the following:

- Basic Knowledge of TCP/IP services
- Experience with firewalls and firewall rule sets
- Understanding of Enterprise Switching and Routing
- Understanding of concepts presented in the VMware Data Center Virtualization Fundamentals course or VCA-DCV certification

Exams

VCP-NV [2V0-641]

VMware Certified Associate (VCA) [VCA]

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