

VMware NSX: Install, Configure, Manage plus Troubleshooting and Operations Fast Track v6.4 - EDU-NSXICMTSFT64-OE

Course Summary

Description

This intensive five-day, extended-hours course focuses on configuring and troubleshooting a VMware NSX® deployment. This course presents NSX as a part of the software-defined data center. You will learn how to use logical switching in NSX to virtualize your switching environment and how to use gateway services, firewall configurations, and security services to help secure and optimize your NSX environment. In addition, you will be presented with various types of technical problems that you will learn how to identify and solve through a systematic process. You will also be introduced to several operational, management, and troubleshooting tools. A software-defined data center environment with hands-on labs is provided to reinforce the skills and concepts presented in the course. Product Alignment

- VMware vSphere® 6.5
- NSX 6.4

Topics

By the end of the course, you should be able to meet the following objectives:

- Describe the evolution of the software-defined data center
- Configure and deploy NSX components for management and control
- Describe basic NSX layer 2 networking
- Configure, deploy, and use logical switch networks
- Configure and deploy NSX distributed router appliances to establish east-west connectivity
- Configure and use all main features of the VMware NSX® Edge™ services gateway
- Configure NSX Edge firewall rules to restrict network traffic
- Configure NSX distributed firewall rules to restrict network traffic
- Configure Service Composer policies
- Configure an identity-aware firewall
- Describe NSX data security
- Use the cross-vCenter NSX feature
- Establish and apply a structured approach and methodology for troubleshooting
- Identify, analyze, and troubleshoot problems related to NSX logical switching, logical routing, and NSX Edge services
- Identify, analyze, and troubleshoot network security problems related to the NSX distributed firewall and the NSX Edge firewall

Audience

Experienced system or network administrators.

Prerequisites

This course requires that you have completed the VMware Data Center Virtualization Fundamentals course, the Introduction to Network Virtualization with NSX, or that you have the following skills and knowledge:

- Understanding of enterprise switching and routing
- Knowledge of TCP/IP services
- Experience with firewalls and firewall rule sets

Duration

5 Days