

# VMware NSX: Troubleshooting and Operations

## Course Overview

This course prepares attendees to troubleshoot and operate a VMware NSX® deployment. You will learn how to isolate problems and identify resolutions through a systematic process. And you will gain an understanding of how VMware NSX integrates with VMware vRealize® Operations Manager™, VMware vRealize® Log Insight™, and other management tools.

## Course Objectives

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

- Create and apply a troubleshooting methodology
- Troubleshoot VMware NSX component issues
- Troubleshoot physical networking issues
- Troubleshoot logical networking issues
- Troubleshoot security configuration issues
- Troubleshoot VMware NSX® Edge™ services
- Use vRealize Log Insight for centralized logging
- Create a monitoring and operational plan for VMware NSX

## Target Audience

Network professionals who work with enterprise networks and VMware Sphere®. You should have attended the VMware NSX: Install, Configure and Manage course or have equivalent experience.

## Prerequisites

- Understanding of concepts presented in the VMware NSX: Install, Configure, Manage course or the VMware NSX for Internetworking Experts Fast Track course

VCP-NV certification is recommended.

## Certifications

This course prepares you for the following certification:

- [VCIX-NV](#)

## Course Delivery Options

- Classroom
- Live Online
- [Onsite](#)

## Product Alignment

- VMware NSX 6.2
- vRealize Log Insight 3.0
- vRealize Operations Manager 6.0

## Course Modules

### 1 Course Introduction

- Introductions and course logistics
- Course objectives

### 2 Troubleshooting Methodology

- Develop a structured approach to troubleshooting
- Understand troubleshooting in a network overlay

### 3 Troubleshooting the VMware NSX Infrastructure

- Describe VMware NSX infrastructure components
- Troubleshoot NSX Manager deployment and registration with VMware vCenter Server®
- Troubleshoot network connectivity with NSX Manager and vCenter Server
- Troubleshoot deployment and connectivity of the controller cluster
- Troubleshoot user work agents

### 4 Troubleshooting Logical Switching

- Describe the logical switching architecture
- Troubleshoot logical switching

### 5 Troubleshooting Logical Routing

- Describe the VMware NSX® for vSphere® logical routing architecture
- Describe the administration of logical routing
- Describe and troubleshoot DHCP replay for the distributed logical router
- Troubleshoot logical routing
- Monitor log files to discover logical routing failures

### 6 Troubleshooting Advanced NSX Edge Services

- Troubleshoot NSX Edge high availability models
- Troubleshoot NSX Edge routing
- Troubleshoot DHCP services for the NSX Edge services gateway
- Troubleshoot VPN services
- Troubleshoot load balancing

### 7 Troubleshooting Security Services

- Describe the components of the distributed firewall
- Troubleshoot a distributed firewall
- Troubleshoot the Service Composer
- Monitor a distributed firewall
- Troubleshoot an NSX Edge services gateway

### 8 Operationalizing VMware NSX

- Use vRealize Operations with VMware NSX
- Use vRealize Log Insight with VMware NSX
- Describe the key components for operationalizing VMware NSX

## Contact

If you have additional questions or need help registering for this course, click [here](#).



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