



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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# VMware Exam Preparation Workshop: Network Virtualization Certified Professional (VCP-NV)

CODE:	LENGTH:	PRICE:
VM-NSX-6-VCP-NV	8 Hours	\$309.00

## Description

Register Now - Format: Self-Paced - Length: 4 Hours Overview:

This 4 hour training course focuses on preparing a candidate to take the VMware Certified Professional – Network Virtualization exam. The workshop includes an overview of the certification program, tips for preparing for the exam, an in-depth review of each of the objectives on the exam and sample questions broken down in video segments by a VMware Certified Instructor. Students who complete this course as part of preparing to take the VCPN610 exam can visit the certification page for additional preparation information, including links to a Practice Exam, the Exam Blueprint Guide, and to Request Exam Authorization.

## Objectives

By the end of the course, you should be prepared to answer questions based on the following exam objectives:

- Describe and differentiate VMware NSX technology and architecture
- Explain VMware NSX physical infrastructure requirements and prepare a physical deployment for NSX
- Configure and administer vSphere networking components
- Install and upgrade VMware NSX
- Configure and manage VMware NSX virtual networks
- Configure and manage VMware NSX network services
- Configure and administer network security
- Perform operations tasks in a VMware NSX environment
- Troubleshoot a VMware network virtualization implementation

## Prerequisites

None, although experience with NSX and knowledge of the exam blueprints is essential before attempting the exam.

## Programme

- 1 Course Introduction
  - I Identify the reasons to become certified
  - Describe the VMware Certification Hierarchy
  - Explain how to prepare for the exam
- 2 VMware NSX Technology and Architecture
  - Describe the Benefits of a VMware NSX Implementation
  - Describe VMware NSX architecture
  - Differentiate VMware network and security technologies
  - Contrast physical and virtual network technologies
  - Explain VMware NSX integration with third-party products and services
  - Explain VMware NSX integration with vCloud Automation Center
- 3 VMware NSX Physical Infrastructure Requirements
  - Define benefits of running VMware NSX on physical network fabrics
  - Describe physical infrastructure requirements for a VMware NSX implementation
- 4 VMware vSphere Networking
  - Define benefits of running VMware NSX on physical network fabrics
  - Describe physical infrastructure requirements for a VMware NSX implementation
- 5 Install and Upgrade VMware NSX
  - Configure environment for network virtualization
  - Deploy VMware NSX components
  - Upgrade existing vCNS/NSX implementation
  - Expand transport zone to include new cluster(s)
- 6 Configure VMware NSX Virtual Networks
  - Create and Administer Logical Switches
  - Configure VXLAN
  - Configure and Manage Layer 2 Bridging
  - Configure and Manage Logical Routers

## 7 Configure and Manage NSX Network Services

- Configure and Manage Logical Load Balancing
- Configure and Manage Logical VPN
- Configure and Manage DHCP/DNS/NAT
- Configure and Manage Edge Service High Availability.

## 9 Perform Operations Tasks in a VMware NSX Environment

- Configure roles, permissions and scope
- Describe NSX Automation
- Monitor a VMware NSX implementation
- Perform Auditing and Compliance
- Administer Logging
- Backup and Recover Configurations

## 8 Configure and Administer Network Security

- Configure and Administer Logical Firewall Services
- Configure Distributed Firewall Services
- Configure and Manage Service Composer

## 10 Troubleshoot a VMware Network Virtualization Implementation

- Identify tools available for troubleshooting
- Troubleshoot common NSX installation/configuration issues
- Troubleshoot common NSX component issues
- Troubleshoot common connectivity issues
- Troubleshoot common vSphere networking issues

## Session Dates

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
17 Apr 2023			English	Self Paced Training		\$300.00

## Additional Information

[This training is also available as onsite training. Please contact us to find out more.](#)