

Advanced Deploy VMware NSX-T Data Center 3.X

Exam Details (Last Updated: 1/31/2022)

The Advanced Deploy VMware NSX-T Data Center 3.x exam (3V0-41.22) which leads to VMware Certified Advanced Professional - Network Virtualization Deploy 2024 certification (VCAP-NV Deploy 2024) is a 16-item lab-based exam, with a passing score of 300 using a scaled method. Candidates are given an appointment time of 225 minutes, which includes five-minute seating time and adequate time to complete the exam for non-native English speakers. Actual exam time is 220 minutes.

Exam Delivery

This is a proctored exam delivered through Pearson VUE. For more information, visit the [Pearson VUE website](#).

Certification Information

For details and a complete list of requirements and recommendations for attainment, please reference the [VMware Learning Services – Certification site](#).

Minimally Qualified Candidate

The minimally qualified candidate (MQC) must have earned a VCP-NV certification. The MQC should have attended the VMware NSX-T Data Center: Troubleshooting and Operations [V3.X] course. It is recommended the MQC have 1 to 2 years of experience working in a data center with virtual networks and deploying NSX-T Data Center solutions. The MQC should be able to describe, understand, and explain data center and network virtualization, as well as NSX-T Data Center products and technologies, but may occasionally need to research topics to answer questions. The MQC can deploy, administrate, optimize, and troubleshoot NSX-T Data Center solutions, but may occasionally need to research topics or request assistance from a more senior individual. The MQC can navigate the NSX-T Data Center UI, but occasionally needs to look up UI actions. The MQC should possess knowledge of the objectives shown in the exam sections in this guide.

Exam Sections

VMware exam blueprint sections are now standardized to the seven sections below, some of which may NOT be included in the final exam blueprint depending on the exam objectives.

- Section 1 – Architecture and Technologies
- Section 2 – Products and Solutions
- Section 3 – Planning and Designing
- Section 4 – Installing, Configuring, and Setup
- Section 5 – Performance-tuning, Optimization, and Upgrades
- Section 6 – Troubleshooting and Repairing
- Section 7 – Administrative and Operational Tasks

If a section does not have testable objectives in this version of the exam, it will be noted below, accordingly. The objective numbering may be referenced in your score report at the end of your testing event for further preparation should a retake of the exam be necessary.

Sections Included in this Exam

Section 1 – Not Applicable

Section 2 – Not Applicable

Section 3 – Not Applicable

Section 4 – Installation, Configuration, and Setup

Objective 4.1 - Prepare VMware NSX-T Data Center Infrastructure

Objective 4.1.1 - Deploy VMware NSX-T Data Center Infrastructure components

Objective 4.1.2 - Configure Management, Control and Data plane components for NSX-T Data Center

Objective 4.1.3 - Configure and Manage Transport Zones, IP Pools, Transport Nodes etc.

Objective 4.1.4 - Confirm the NSX-T Data Center configuration meets design requirements

Objective 4.1.5 - Deploy VMware NSX-T Data Center Infrastructure components in a multi-site configuration

Objective 4.2 - Create and Manage VMware NSX-T Data Center Virtual Networks

Objective 4.2.1 - Create and Manage Layer 2 services

Objective 4.2.2 - Configure and Manage Layer 2 Bridging

Objective 4.2.3 - Configure and Manage Routing including BGP, static routes, VRF Lite and EVPN

Objective 4.3 - Deploy and Manage VMware NSX-T Data Center Network Services

Objective 4.3.1 - Configure and Manage Logical Load Balancing

Objective 4.3.2 - Configure and Manage Logical Virtual Private Networks (VPNs)

Objective 4.3.3 - Configure and Manage NSX-T Data Center Edge and NSX-T Data Center Edge Clusters

Objective 4.3.4 - Configure and Manage NSX-T Data Center Network Address Translation

Objective 4.3.5 - Configure and Manage DHCP and DNS

Objective 4.4 - Secure a virtual data center with VMware NSX-T Data Center

Objective 4.4.1 - Configure and Manage Distributed Firewall and Grouping Objects

Objective 4.4.2 - Configure and Manage Gateway Firewall

Objective 4.4.3 - Configure and Manage Identity Firewall

Objective 4.4.4 - Configure and Manage Distributed IDS

Objective 4.4.5 - Configure and Manage URL Analysis

Objective 4.4.6 - Deploy and Manage NSX Intelligence

Objective 4.5 - Configure and Manage Service Insertion

Objective 4.6 - Deploy and Manage Central Authentication (Workspace ONE access)

Section 5 - Performance-tuning, Optimization, Upgrades

Objective 5.1 - Configure and Manage Enhanced Data Path (N-VDS)

Objective 5.2 - Configure and Manage Quality of Service (QoS) settings

Section 6 – Troubleshooting and Repairing

Objective 6.1 - Perform Advanced VMware NSX-T Data Center Troubleshooting

Objective 6.1.1 - Troubleshoot Common VMware NSX-T Data Center Installation/Configuration Issues

Objective 6.1.2 - Troubleshoot VMware NSX-T Data Center Connectivity Issues

Objective 6.1.3 - Troubleshoot VMware NSX-T Data Center Edge Issues

Objective 6.1.4 - Troubleshoot VMware NSX-T Data Center L2 and L3 services

Objective 6.1.5 - Troubleshoot VMware NSX-T Data Center Security services

Objective 6.1.6 - Utilize VMware NSX-T Data Center native tools to identify and troubleshoot issues.

Section 7 – Administrative and Operational Tasks

Objective 7.1 - Perform Operational Management of a VMware NSX-T Data Center Implementation

Objective 7.1.1 - Backup and Restore Network Configurations

Objective 7.1.2 - Monitor a VMware NSX-T Data Center Implementation

Objective 7.1.3 - Manage Role Based Access Control

Objective 7.1.4 - Restrict management network access using VIDM access policies

Objective 7.1.5 - Manage syslog settings

Objective 7.2 - Utilize API and CLI to manage a VMware NSX-T Data Center Deployment

Objective 7.2.1 - Administer and Execute calls using the VMware NSX-T Data Center vSphere API

Recommended Course:

[VMware NSX-T Data Center: Troubleshooting and Operations \[V3.2\]](#)

[VMware NSX-T Data Center: Troubleshooting and Operations \[V3.2\] – On Demand](#)

Certification

[VCAP-NV Deploy 2024](#)

References

In addition to the recommended course/s, item writers used the following references for information when writing exam questions. It is recommended that you study the reference content as you prepare to take the exam, in addition to any recommended training.

<http://kb.vmware.com> - [NSX-T Data Center 3.x]

<http://www.vmware.com> - [Products – NSX-T Data Center 3.x]

<https://blogs.vmware.com> - [NSX-T Data Center 3.x]

<https://docs.vmware.com> - [NSX-T Data Center 3.x]

<https://www.vmware.com/support/pubs> - [NSX-T Data Center 3.x]

<https://www.vmware.com/techpapers.html> - [NSX-T Data Center 3.x]

***NSX-T content in this exam is based on v3.x. Review all v3.x release notes and material for features and function.**

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