Advanced VMware Cloud Foundation 9 Networking (3V0-25.25)

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, visit the VMware Certification website.

Exam Sections

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

- Section 1 – IT Architectures, Technologies, Standards
- Section 2 – VMware Cloud Foundation (VCF) Products and Solutions
- Section 3 – Plan and Design
- Section 4 – Deploy, Configure, and Operate
- Section 5 – Troubleshoot and Optimize

If a section does not have testable objectives in this version of the exam, it will be noted, 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.

Exam Details

The 60-item scaled method exam requires a passing score of 300. The 135-minute appointment provides sufficient time for all candidates, including non-native English speakers.

This exam may contain a variety of item types including multiple-choice, multiple-selection multiple-choice, build-list, matching, drag-and-drop, point-and-click and hot-area. Additional item types may be used but will appear less frequently than those previously mentioned.

Exam Name

Advanced VMware Cloud Foundation 9 Networking (3V0-25.25)

Credential Name

VMware Certified Advanced Professional - VMware Cloud Foundation Networking (VCAP-VCF Networking)

Minimally Qualified Candidate

The minimally qualified candidate (MQC) can demonstrate the ability to design, install, configure, manage, and troubleshoot VMware Cloud Foundation (VCF) Networking solutions. The candidate is knowledgeable of the features, functions, and architectures of VMware Cloud Foundation Networking and related technologies. The candidate should have a minimum of 1-2 years of experience designing and administering NSX solutions, along with at least 2 years of enterprise networking.

The candidate can apply established design methodologies to plan and implement VCF Networking across multi-region or multi-organization environments. The candidate has experience configuring, operating and troubleshooting VCF Networking functional areas, including gateways, segments, VPCs, routing, services, and load balancing. The candidate can configure, deploy or manage resources through UI, CLI and API-based workflows.

The candidate has practical experience working with VCF Networking and vSphere and may require limited supervision for complex or unfamiliar tasks. They possess most or all of the

Recommended Courses

- VMware Cloud Foundation Networking: Advanced Design [V9]
- VMware Cloud Foundation Networking: Advanced Configuration [V9]
- VMware Cloud Foundation Networking: Advanced Troubleshooting [V9]

References*

In addition to the recommended courses, item writers use 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.

Products - The VMware Cloud Foundation 9

- https://www.vmware.com/topics/private-cloud
- https://techdocs.broadcom.com
- https://www.broadcom.com/

*Content in this exam is based on VCF 9. Review all release notes and material for features and functions.

knowledge outlined in the exam sections (blueprint) and may hold additional industry-recognized IT certifications or accreditations.

Sections Included in this Exam

Section 1 - IT Architectures, Technologies, Standards
NO TESTABLE OBJECTIVES THIS SECTION

Section 2 - VMware Cloud Foundation (VCF) Products and Solutions
NO TESTABLE OBJECTIVES THIS SECTION

Section 3 - Plan and Design
Objective 3.2 - Describe and explain NSX architecture and components
Objective 3.3 - Given a Scenario design an NSX connectivity solution (centralized vs distributed)
Objective 3.4 - Given a scenario, design an NSX multisite solution in VCF
Objective 3.5 - Describe and explain NSX Fleet design considerations
Objective 3.6 - Given a scenario, make design decision for NSX optimization and acceleration

Section 4 - Deploy, Configure, and Operate VMware Cloud Foundation (VCF)
Objective 4.1 - Given a scenario, identify the process steps for deploying VMware NSX Federation in VCF
Objective 4.2 - Given a scenario, configure NSX components
Objective 4.3 - Given a scenario, identify the process for deploying an NSX Edge Cluster
Objective 4.4 - Given a scenario, identify the process for creating an NSX Tier-0 gateway

Objective 4.5 - Given a scenario, identify the process steps to create an NSX Logical Segment
Objective 4.6 - Given a scenario, identify the process for creating an NSX Tier-1 gateway
Objective 4.7 - Given a scenario, deploy and manage Virtual Private Cloud (VPC)
Objective 4.8 - Given a scenario, configure Stateful Services in NSX
Objective 4.9 - Given a scenario, configure Projects and Tenancy in NSX
Objective 4.10 - Given a scenario, configure advanced NSX integrations
Objective 4.11 - Perform operational tasks in a VMware NSX environment (syslog, backup/restore etc.)
Objective 4.12 - Given a scenario, identify the appropriate VCF tool/product to monitor a VMware NSX implementation

Section 5 - Troubleshoot and Optimize
Objective 5.1 - Given a scenario, identify the appropriate VCF tool/product to troubleshoot an issue in NSX
Objective 5.2 - Given a scenario, troubleshoot common NSX infrastructure issues
Objective 5.3 - Given a scenario, troubleshoot common connectivity and routing issues
Objective 5.4 - Given a scenario, describe the purpose of Equal Cost Multi-Path (ECMP) and high availability - simulations
Objective 5.5 - Given a scenario, describe logical routing packet walk - simulations

Exam Content Contributors

Abdullah Abdullah, Emad Younis, Karel Novak, Kevin Brady, Kyle Gleed, Michael Fleisher,

Pawel Piotrowski, Randy Carson, Tim Burkard, Tom Gillaspy, Tommy Grot

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