Advanced VMware Cloud Foundation 9 Support (3V0-13.26)

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 Support (3V0-13.26)

Credential Name

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

Minimally Qualified Candidate

The minimally qualified candidate (MQC) can implement, operate, maintain, and troubleshoot a multi-region and/or multi-organization VMware Cloud Foundation (VCF) Private Cloud. They possess advanced knowledge of VCF features, functions, and architecture, including vCenter, ESX, vSAN, NSX, VCF Identity Broker, VCF Automation, VCF Operations (Logs, Fleet Management, and Networks), and the vSphere Kubernetes Service (VKS). The candidate has hands-on experience across all VCF components and is capable of supporting them at an advanced level as defined in the blueprint, while recognizing when research or collaboration with colleagues may be required for highly complex tasks. They can administer and troubleshoot software-defined storage and networking, including storage policies, NSX Virtual Private Clouds (VPCs), and NSX gateways with stateful services.

The candidate can configure, optimize, and support the vSphere Supervisor to enable multi-zonal cluster architectures and Supervisor add-on services such as VKS. They can effectively manage VCF Automation, including Provider and Organization structures, projects, namespaces, blueprints, content libraries, policies, and access controls, as well as VCF

Recommended Courses

- VMware Cloud Foundation Automation: Advanced Troubleshooting
- VMware Cloud Foundation Storage: Advanced Troubleshooting
- VMware Cloud Foundation Operations: Advanced Troubleshooting
- VMware Cloud Foundation Networking: Advanced Troubleshooting
- VMware Cloud Foundation Compute: Advanced Troubleshooting
- vSphere Kubernetes Service: Advanced Troubleshooting

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.

Operations functions such as monitoring, policy configuration, cost management, intents, and configuration drift baselines.

The candidate is also able to manage and troubleshoot VCF components using available APIs and may collaborate with colleagues or engage Broadcom support when appropriate. Overall, the candidate demonstrates mastery of the majority of concepts outlined in the exam blueprint and is prepared to validate competence across all defined exam sections.

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
NO TESTABLE OBJECTIVES THIS SECTION

Section 4 - Deploy, Configure, and Operate
NO TESTABLE OBJECTIVES THIS SECTION

Section 5 - Troubleshoot and Optimize
Objective 5.1 - Given a scenario, monitor VMware vSAN using tools in VCF
Objective 5.2 - Given a scenario, monitor supported (non-vSAN) Storage using tools in VCF
Objective 5.3 - Given a scenario, troubleshoot and resolve issues with VMware vSAN Storage
Objective 5.4 - Given a scenario, troubleshoot and resolve issues with supported (non-vSAN) Storage

Objective 5.5 - Given a scenario, identify the tools to troubleshoot an issue within a VCF Workload Domain
Objective 5.6 - Given a scenario, troubleshoot an issue with an ESX host within a VCF Workload Domain
Objective 5.7 - Given a scenario, troubleshoot an issue with a VCF Workload Domain vCenter
Objective 5.8 - Given a scenario, troubleshoot an issue with a VCF Workload Domain Cluster
Objective 5.9 - Given a scenario, troubleshoot an issue with a Virtual Machine
Objective 5.10 - Given a scenario, optimize the performance of a VCF Workload Domain
Objective 5.11 - Given a scenario, optimize the performance of a Virtual Machine within a VCF Workload Domain
Objective 5.12 - Given a scenario, monitor VCF Automation using VCF Operations
Objective 5.13 - Given a scenario, monitor VCF Automation Provider Management
Objective 5.14 - Given a scenario, monitor VCF Automation All Apps Organizations
Objective 5.15 - Diagnose and resolve Supervisor and VKS cluster provisioning, connectivity, or namespace errors
Objective 5.16 - Troubleshoot container deployment, registry, and trusted CA errors
Objective 5.17 - Restart or recover failed VKS upgrades
Objective 5.18 - Optimize cluster performance using monitoring and scaling features
Objective 5.19 - Given a scenario, troubleshoot VCF Operations infrastructure configuration issues (CloudProxy, Clusters, HA, adapters)
Objective 5.20 - Given a scenario, troubleshoot VCF configuration issues using VCF Operations
Objective 5.21 - Given a scenario, troubleshoot VCF networks with VCF Operations for Networks
Objective 5.22 - Given a scenario, troubleshoot Workloads issues with VCF Operations

Objective 5.23 - Given a scenario, use VCF Operations for logs to troubleshoot issues
Objective 5.24 - Given a scenario, troubleshoot VCF Operations Alerts
Objective 5.25 - Given a scenario, identify the appropriate VCF tool/product to troubleshoot an issue in NSX
Objective 5.26 - Given a scenario, troubleshoot common NSX infrastructure Issues
Objective 5.27 - Given a scenario, troubleshoot common connectivity and routing issues
Objective 5.28 - Given a scenario, describe the purpose of Equal Cost Multi-Path (ECMP) and high availability - simulations
Objective 5.29 - Given a scenario, describe logical routing packet walk - simulations
Objective 5.30 - Given a scenario, monitor VMware vSAN using tools in VCF

Exam Content Contributors

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