Advanced VMware Cloud Foundation - Operations

Exam Details (Last Updated: 11/11/2025)

The Advanced VMware Cloud Foundation 9.0 Operations (3V0-22.25) exam, which leads to VMware Certified Advanced Professional - VMware Cloud Foundation 9.0 Operations certification (VCAP - Operations), is a 60-item exam with a passing score of 300 using a scaled method. Candidates are given an appointment time of 135 minutes, which includes adequate time to complete the exam for 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 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 Certification website.

Minimally Acceptable Candidate

The minimally qualified candidate (MQC) for the Advanced VMware Cloud Foundation 9.0 Operations certification is a systems administrator, cloud operations engineer, or virtualization specialist with 6 to 12 months of hands-on experience managing VMware Cloud Foundation environments and performing monitoring, optimization, and capacity planning tasks using VMware tools. The candidate is capable of supporting operational visibility, analyzing system health, and managing infrastructure performance across compute, storage, and network resources in a VCF deployment. The candidate is familiar with VMware by Broadcom leading practices and recommendations. The candidate can also interpret and act on system recommendations with limited supervision.

The candidate can demonstrate the ability to configure and interpret dashboards, widgets, and views for infrastructure monitoring; apply capacity models, custom profiles, and optimization policies based on workload demands; and perform what-if scenario analysis for resource scaling and workload migration. The candidate can deploy and configure monitoring agents and integrations to collect system and application metrics, and they understand and apply cost modeling, showback, and chargeback strategies, including rate cards and cost drivers. Additionally, The candidate is able to troubleshoot common performance and configuration issues using metrics, logs, and alerting tools; create and manage super metrics, business application mappings, and optimization intents to support business alignment; and support compliance monitoring and configuration management practices within the VCF environment. The candidate is competent in all aspects of Fleet Management including identity & access, certificates, passwords, configuration drifts, lifecycle, and security of the VCF platform.

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 Products and Solutions

Section 3 – Plan and Design

Section 4 – Install, Configure, Administrate the VMware Solution

Section 5 – Troubleshoot and Optimize the VMware Solution

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.

Sections Included in this Exam

Section 1 - IT Architectures, Technologies, Standards

NO TESTABLE OBJECTIVES THIS SECTION

Section 2 - VMware Products and Solutions

NO TESTABLE OBJECTIVES THIS SECTION

Section 3 - Plan and Design the VMware Solution

NO TESTABLE OBJECTIVES THIS SECTION

Section 4 - Install, Configure, Administrate the VMware Solution

Objective 4.1 - Complete Day 2 Tasks in VCF Operations

- Given a scenario, complete VCF Operations Day 2 Operational Tasks
- Given a scenario, configure Unified Cloud Proxies or Collector Groups
- Given a scenario, scale a VCF Operations deployment.
- Given a scenario, scale a VCF Operations for logs deployment.
- Given a scenario, scale a VCF Operations for network deployment.
- Given a scenario, configure a job/task within Automation Central
- Given a scenario, configure Role-Based Access Control in VCF Operations
- Given a scenario, configure a new integration within VCF Operations

Objective 4.2 - Manage VCF Capacity with VCF Operations

- Given a scenario, differentiate between capacity models (allocation vs demand).
- Given a scenario, identify the process to reclaim resources
- Given a scenario, configure Resource reclamation settings
- Given a scenario, reclaim resources from powered off Virtual Machines
- Given a scenario, reclaim resources from idle Virtual Machines
- Given a scenario, reclaim resources from Virtual Machine snapshots
- Given a scenario, reclaim resources from orphaned disks
- Given a scenario, exclude Virtual Machines from reclamation
- Given a scenario, identify the process to rightsize a workload
- Given a scenario, configure VCF Operations Policy settings for rightsizing
- Given a scenario, identify the process steps to rightsize workloads (Oversized / Undersized)
- Given a scenario, exclude Virtual Machines from rightsizing

- Given a scenario, configure advanced capacity management features
- Given a scenario, identify the process steps to configure the allocation capacity model
- Given a scenario, identify the process steps to create a custom profile

Objective 4.3 - Forecast VCF Capacity Growth in VCF Operations

- Given a scenario, complete Capacity Forecasting using What-If Scenarios
- Given a scenario, complete a What-If scenario to add/remove workloads from within a VCF Private Cloud
- Given a scenario, complete a What-If scenario to add/remove hosts from within a VCF Private Cloud
- Given a scenario, complete a What-If scenario to add/remove HCI hosts from within a VCF Private Cloud
- Given a scenario, complete a What-If scenario to migrate workloads to/from a VMware Cloud
- Given a scenario, complete a What-If scenario to migrate workloads to/from a Public Cloud
- Given a scenario, commit multiple What-If scenarios

Objective 4.4 - Cost Management in VCF Operations

- Given a scenario, complete VCF Operations cost management configuration
- Given a scenario, change the currency settings with VCF Operations
- Differentiate between Provider/Consumer and Cost vs Price
- Given a scenario, update cost drivers
- Given a scenario, create/update a Pricing / Rate card
- Given a scenario, configure Chargeback
- Given a scenario, configuring Billing for resources

Objective 4.5 - Managing VCF Operations with VCF Policy

- Given a scenario, create/update and apply a VCF Operations policy
- Identify the policy hierarchy within VCF Operations
- Given a scenario, assign a policy to a specific inventory object

Objective 4.6 - Workload Optimization in VCF Operations

- Given a scenario, differentiate between Business Intent and Operational Intent
- Differentiate between host and cluster-based business intent
- Differentiate between the different Operational Intent modes: Moderate, Consolidate and Balanced
- Identify the purpose of Buffer in Operational Intent
- Identify the benefit of Advanced Workload Placement when used with VCF Automation
- Given a scenario, identify the process or stages for configuring Operational Intent
- Given a scenario, identify the process or stages for configuring Business Intent

Objective 4.7 - Monitor Applications with VCF Operations

- Given a scenario, create a Custom Group
- Differentiate between Service Discovery, Managed Telegraf and Opensource Telegraf
- Given a scenario configure Service Discovery to monitor services
- Given a scenario, monitor applications and workloads using VCF Operation Application Monitoring
- Given a scenario, deploy the Managed Telegraf Agent
- Given a scenario, configure the Managed Telegraf agent to monitor operating system metrics
- Given a scenario, configure the Managed Telegraf agent to monitor application metrics
- Given a scenario, create Business Applications.

Objective 4.8 - Installing Management Packs and creating Custom Management Packs in VCF Operations

- Given a scenario, monitor additional solutions using Management Packs (such as Kubernetes)
- Given a scenario, install a Management Pack
- Given a scenario, configure a Management Pack

- Given a scenario, identify the process steps to create an additional Management Pack with the Management Pack Builder

Objective 4. 9 - VCF Operations Troubleshooting Tools and Methodologies

- Given a scenario, configure an Alert
- Given a scenario, configure an outbound plugin
- Given a scenario, configure a notification
- Given a scenario, create a Custom Alert
- Given a scenario, troubleshoot an issue using the troubleshooting workbench
- Given a scenario, upload a VCF log bundle with Log Assist

Objective 4.10 - Creating Custom Dashboards, Views and Reports in VCF Operations

- Given a scenario, create or modify a custom dashboard
- Given a scenario, create a custom view
- Given a scenario, create a custom report

Objective 4.11 - Creating Super Metrics in VCF Operations

- Given a scenario create/update a super metric

Objective 4.12 - Log Event Monitoring and Analysis in VCF Operations

- Given a scenario, configure Aria Operations for Logs for event monitoring
- Given a scenario, create an log event alert query in VCF Operations for logs
- Given a scenario, manage dashboards in VCF Operations for logs
- Given a scenario, manage content packs in VCF Operations for logs

Objective 4.13 - Monitoring Networks in VCF Operations for networks

- Given a scenario, monitor VCF networks with VCF Operations for Networks

Objective 4.14 - Complete Fleet Management activities in VCF Operations

- Given a scenario, identify the process steps for scaling a VCF Fleet Management - Lifecycle
- Given a scenario, upgrade the components of a VCF Fleet
- Given a scenario, manage SSL Certificates using Certificate Management
- Given a scenario, manage passwords using Password Management
- Given a scenario, configure VCF SSO using Identity and Access Management

Objective 4.15 - Manage VCF licensing with VCF Operations

- Given a scenario, manage VCF licenses using License Management

Objective 4.16 - Monitor Security, Compliance and Configuration in VCF Operations

- Given a scenario, monitor VCF Compliance using Compliance Benchmarks
- Given a scenario, monitor VCF configuration using VCF Operations Config Drift
- Given a scenario, monitor user logons with Audit Users.

Section 5 - Troubleshoot and optimize the VMware Solution

NO TESTABLE OBJECTIVES THIS SECTION

Recommended Courses

VMware Cloud Foundation Operations: Advanced Design

VMware Cloud Foundation Operations: Advanced Configuration

VMware Cloud Foundation Operations: 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.

Name	Products
https://www.vmware.com/topics/private-cloud	The VMware Cloud Foundation 9.0
https://techdocs.broadcom.com	The VMware Cloud Foundation 9.0
https://www.broadcom.com/	The VMware Cloud Foundation 9.0
*Content in this exam is based on VCF 9.0. Review all release notes and material for features and functions.	

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Rev. 12312024