VMware vSphere Foundation 9.0 Administrator

Exam Details (Last Updated: 8/15/2025)

The VMware vSphere Foundation 9.0 Administrator (2V0-16.25) exam, which leads to VMware Certified Professional – VMware vSphere Foundation Administrator certification (VCP-VVF Administrator), 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.

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 candidate can deploy, configure, and manage a VMware vSphere Foundation (VVF)-based solution to support running both supervisor-based and virtual machine workloads. The candidate should have at least six months or more of experience working with the VVF solution or its components. In addition, The candidate should have a minimum of one year experience working in IT and should have a foundational knowledge of kubernetes and general enterprise IT topics including compute, storage, networking, and security. The candidate is knowledgeable of the features, functions, and architectures of all VVF components, which include: VMware vSphere (vCenter Standard, ESX, vSphere Supervisor), vSAN, VCF Operations, and VCF Operations for logs.

Whilst the candidate should meet the required minimal requirements, they may occasionally need to request support from a colleague or research some advanced topics related to the aforementioned components of VVF. The candidate possesses most of the knowledge shown in the exam sections (blueprint).

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 IN THIS SECTION

Section 2 - VMware vSphere Foundation Fundamentals

Objective 2.1 - Virtualization Fundamentals

- Describe the principles of Virtualization
- Identify the use cases for Virtualization
- Identify the value proposition for Virtualization

Objective 2.2 - VMware Compute Fundamentals

- Given a scenario, deploy and configure VVF compute components (vCenter and ESX)
- Given a scenario, configure a vSphere Cluster
- Given a scenario, deploy and configure virtual machines
- Given a scenario, manage a virtual machine through vCenter
- Given a scenario, perform Day 2 Operations within VMware vCenter.
- Given a scenario, configure Content Libraries to manage resources.
- Given a scenario, secure workloads and infrastructure using encryption.

Objective 2.3 - VMware Storage Fundamentals

- Given a scenario, configure vSphere storage
- Given a scenario, describe the use cases for VMware vSAN ESA or VMware vSAN OSA
- Given a scenario, deploy a VMware vSAN cluster
- Given a scenario, configure vSAN Storage policies
- Given a scenario, identify the options for Resilience and Data Availability in VMware vSAN
- Given a scenario, describe the purpose of vSAN Space Efficiency

Objective 2.4 - VMware Network Fundamentals

- Given a scenario, differentiate between VVF networking components

Section 3 - Plan and Design the VMware by Broadcom Solution

NO TESTABLE OBJECTIVES IN THIS SECTION

Section 4 - Deploy, Configure, and Operate VMware vSphere Foundation (VVF)

Objective 4.1 - VVF: Deploy and Configure (ready to write)

- Identify the components of a VVF Deployment
- Given a scenario, describe the deployment of a VMware vSphere Foundation-based environment
- Given a scenario, configure Supervisor within a Cluster

Objective 4.2 - VVF: Manage

- Given a scenario, configure Identity Management and Role-based Access Control (RBAC) in VMware vSphere Foundation
- Given a scenario, configure license management within VMware vSphere Foundation
- Given a scenario, configure certificate management within VMware vSphere Foundation
- Given a scenario, manage the lifecycle of VMware vSphere Foundation

Objective 4.3 - VVF: Operate

- Given a scenario, identify the use case for VCF Operations and VCF Operations for Logs
- Given a scenario, describe the cluster components and deployment options of VCF Operations

- Given a scenario, describe the cluster components and deployment options of VCF Operations for logs
- Given a scenario, differentiate between metrics, properties ,and logs
- Given a scenario, create custom Views and Reports in VCF Operations
- Given a scenario, create and share dashboards in VCF Operations
- Given a scenario, configure Alerting in VCF Operations
- Given a scenario, monitor log events in VCF Operations
- Given a scenario, create and share dashboards in VCF Operations for logs
- Given a scenario, use the Explore Logs feature to analyse the logs
- Given a scenario, configure costing and pricing in VCF Operations
- Given a scenario, configure integration with VCF Operations
- Given a scenario, monitor vSAN storage using VCF Storage Operations
- Given a scenario, configure VCF Operations policies
- Given a scenario, monitor the application using VCF Operations
- Given a scenario, configure Service Discovery in VCF Operations
- Given a scenario, monitor security hardening and compliance using VCF Operations
- Given a scenario, describe the cluster components and deployment options of VCF Operations for Logs
- Given a scenario, configure the integration with VVF components

Objective 4.4 - VVF: Consume and Automate

- Given a scenario, describe the deployment of Supervisor-based Services in VMware vSphere Foundation
- Deploy Virtual Machines using the VM Service
- Deploy Kubernetes workloads using VMware Kubernetes Services
- Deploy vSphere Pods and other services
- Given a scenario, describe the use case for VCF Operations Orchestrator

Section 5 - Troubleshoot and Optimize the VMware Solution

NO TESTABLE OBJECTIVES IN THIS SECTION

Recommended Courses

VMware Cloud Foundation: Build, Manage, and Secure
VMware Cloud Foundation: Automation and Operations

Related Exams:

N/A

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 VVF. Review all release notes and material for features and functions.	

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