

VMware Cloud Foundation 9.0 Administrator

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

The VMware Cloud Foundation Administrator (2V0-17.25) exam, which leads to VMware Certified Professional – VMware Cloud Foundation Administrator certification (VCP-VCF 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 Education Services – Certification website](#).

Minimally Qualified Candidate

The candidate has the knowledge to install, configure, manage, and perform basic troubleshooting of a VMware Cloud Foundation (VCF) solution. The candidate is knowledgeable in the features, functions, and architecture of VCF and its components, including: vCenter, ESX, vSphere Supervisor, vSAN, NSX, VCF Identity Broker, VCF Automation, VCF Operations, VCF Operations for Logs, VCF Fleet Management, VCF Operations for Networks, and VCF Operations HCX.

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, but not limited to, hardware, storage, networking, DNS, NTP and certificates. In addition, the candidate should have at least six months of experience working with either VCF or the individual VCF components. The candidate may occasionally need to research advanced VCF topics (such as command line utilities) or request assistance to troubleshoot complex scenarios. The candidate possesses most of the knowledge shown in the exam sections in the exam 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 Cloud Foundation Fundamentals
- Section 3 – Plan and Design the VMware by Broadcom Solution
- Section 4 – Deploy, Configure, and Operate VMware Cloud Foundation (VCF)

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 Cloud Foundation Fundamentals

Objective 2.1 - Private Cloud Vision

- Describe the principles of Private Cloud
- Identify the use cases for Private Cloud
- Identify the value proposition for Private Cloud

Objective 2.2 - VMware Compute Fundamentals

- Given a scenario, deploy and configure VCF 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

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 VCF networking components
- Given a scenario, configure virtual networking fabrics and features
- Given a scenario, configure virtual networking connectivity and routing
- Given a scenario, configure virtual networking services

Section 3 - Plan and Design the VMware by Broadcom Solution

NO TESTABLE OBJECTIVES THIS SECTION

Section 4 - Deploy, Configure, and Operate VMware Cloud Foundation (VCF)

Objective 4.1 - VCF: Deploy and Configure

- Identify the components of a VCF Deployment
- Given a scenario identify the appropriate VMware Cloud Foundation deployment models
- Given a scenario, describe the deployment of a VMware Cloud Foundation-based private cloud
- Given a scenario, identify the additional components required to complete the deployment of a VMware Cloud Foundation-based private cloud

- Given a scenario, describe the deployment of and configure a VMware Cloud Foundation (VCF) Network Gateway
- Given a scenario, describe the deployment of VMware Cloud Foundation (VCF) Networking
- Given a scenario, describe the deployment of a Workload Domain in VMware Cloud Foundation (VCF)
- Given a scenario, configure Workload Domain storage
- Given a scenario, configure Supervisor within a Workload Domain

Objective 4.2 - VCF: Manage

- Given a scenario, differentiate between the Fleet Management capabilities in VCF Operations
- Given a scenario, configure Identity Management and Role-based Access Control (RBAC) in VMware Cloud Foundation
- Given a scenario, configure license management within VMware Cloud Foundation
- Given a scenario, configure certificate management within VMware Cloud Foundation
- Given a scenario, configure Password Management within VMware Cloud Foundation
- Given a scenario, identify the tasks and processes required to complete the import of an existing vCenter into VMware Cloud Foundation
- Given a scenario, manage the lifecycle of VMware Cloud Foundation

Objective 4.3 - VCF: Operations

- Given a scenario, identify the use case for VCF Network Operations and VCF Operations (Logs)
- Given a scenario, describe the cluster components and deployment options of VCF Operations
- Given a scenario, differentiate between metrics and properties
- 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, monitor VMware Cloud Foundation components using VCF Health and Diagnostics
- Given a scenario, monitor networks using VCF Network Operations
- Given a scenario, monitor vSAN storage using VCF Storage Operations
- Given a scenario, configure VCF Operations policies
- Given a scenario, monitor application using VCF Operations
- Given a scenario, monitor security hardening and compliance using VCF Operations
- Given a scenario, configure configuration drift in VCF Operations

Objective 4.4 - VCF: Consume and Automate

- Given a scenario, identify the use case for VCF Automation
- Given a scenario, describe the components and deployment options of VCF Automation
- Given a scenario, configure a Region in VCF Automation
- Given a scenario, configure multi-organizational tenancy in VCF Automation
- Given a scenario, configure Provider Networking in VCF Automation
- Given a scenario, configure a provider content library in VCF Automation
- Given a scenario, complete tasks as an organizational administrator in VCF Automation
- Given a scenario, configure organizational networks in VCF Automation
- Given a scenario, create and manage content in VCF Automation
- Given a scenario, use extensibility to automate business processes in VCF Automation
- Given a scenario, create and manage organizational governance policies in VCF Automation
- Given a scenario, describe the deployment of Supervisor-based Services in VMware Cloud Foundation

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 VCF 9.0. Review all 9.0 release notes and material for features and functions.	

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