

VMware Certified Advanced Professional - VMware Cloud Foundation Architect

Exam Details (Last Updated: August 18, 2026)

The VMware Certified Advanced Professional - VMware Cloud Foundation Architect (3V0-12.26) exam, which leads to an Advanced VMware Cloud Foundation Architect certification (VCAP-VCF Architect), 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 candidate can design a multi-region and/or multi-organization VMware Cloud Foundation (VCF) Private Cloud and has an advanced understanding of the Architect blueprint design principles, including conceptual, logical, and physical design outcomes. The candidate is highly knowledgeable in the features, functions, and architecture of VCF and its components, including vCenter, ESX, vSAN, NSX, VCF Identity Broker, VCF Automation, VCF Operations (including VCF Operations for Logs, VCF Fleet Management, and VCF Operations for Networks), and the vSphere Kubernetes Service (VKS). The candidate can design software-defined storage and networking solutions, including storage policies, NSX Virtual Private Clouds (VPCs), and NSX gateways with stateful services. The candidate can also design the vSphere Supervisor to support solutions that include multi-zonal clusters and Supervisor add-on services such as VKS. In addition, the candidate can design VCF Automation architectures including Provider and Organization structures, projects, namespaces, blueprints, content libraries, policies, and access controls, as well as VCF Operations capabilities such as policies, monitoring strategies, cost settings, intents, and configuration drift baselines. Overall, the candidate demonstrates deep expertise across the exam blueprint and is prepared to design a comprehensive VCF Private Cloud solution end-to-end.

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

Objective 1.1 - Differentiate between business and technical requirements.

Objective 1.2 - Differentiate between requirements, assumptions, constraints and risks.

Objective 1.3 - Differentiate between availability, manageability, performance, recoverability and security (AMPRS).

Objective 1.4 - Develop design decisions.

Objective 1.5 - Develop a design validation strategy.

Section 2 - VMware Products and Solutions

Objective 2.1 - Based on a scenario, differentiate between VMware Cloud Foundation (VCF) architecture options.

Objective 2.2 - Based on a scenario, evaluate recommended vs supported design choices related to the VCF portfolio.

Objective 2.3 - Based on a scenario, identify the use case for VCF Advanced Services.

Section 3 - Plan and Design the VMware Solution

Objective 3.1 - Gather and analyze business objectives and requirements.

Objective 3.2 - Given a set of business objectives, create a conceptual model.

Objective 3.3 - Create VMware Cloud Foundation (VCF) logical designs.

Objective 3.4 - Create VMware Cloud Foundation (VCF) physical designs.

Objective 3.5 - Design for Availability.

Objective 3.6 - Design for Manageability.

Objective 3.7 - Design for Performance.

Objective 3.8 - Design for Recoverability.

Objective 3.9 - Design for Security.

Objective 3.10 - Design for Identity Management.

Objective 3.11 - Design a consumption strategy for VMware Cloud Foundation (VCF).

Objective 3.12 - Design a monitoring strategy for VMware Cloud Foundation (VCF).

Section 4 - Install, Configure, Administrate the VMware Solution

NO TESTABLE OBJECTIVES THIS SECTION

Section 5 - Troubleshoot and optimize the VMware Solution

NO TESTABLE OBJECTIVES THIS SECTION

Recommended Courses:

VMware Cloud Foundation Storage: Advanced Design
VMware Cloud Foundation Automation: Advanced Design
VMware Cloud Foundation Operation: Advanced Design
VMware Cloud Foundation Networking: Advanced Design
VMware Cloud Foundation Compute: Advanced Design
VKS Advanced Design

Related Certification

VMware Certified Advanced Professional - VMware Cloud Foundation 9 Administrator (3V0-12.26)

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
https://techdocs.broadcom.com	The VMware Cloud Foundation 9
https://www.broadcom.com/	The VMware Cloud Foundation 9
*Content in this exam is based on VVF. Review all release notes and material for features and functions.	

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