

5V0-32.19

VMware Cloud Provider Specialist

Exam Details

The VMware Cloud Provider Specialist Exam (5V0-32.19) which leads to VMware Specialist – Cloud Provider 2021 badge is a 40-item exam, with a passing score of 300 using a scaled method. Exam time is 60 minutes.

Exam Delivery

This is a non-proctored exam delivered through Pearson VUE. For more information, visit the [Pearson VUE website](#).

Badge Information

Achieving VMware Specialist – Cloud Provider 2020 Badge:

Path if you hold no certifications:

1. Achieve a current VCP-CMA, VCP-DCV, VCP-DTM, or VCP-NV
2. Pass the VMware Cloud Provider Specialist Exam (5V0-32.19)

Path if you hold a current VCP-CMA, VCP-DCV, VCP-DTM, or VCP-NV

1. Pass the VMware Cloud Provider Specialist Exam (5V0-32.19)

For details and a complete list of requirements and recommendations for attainment, please reference the [VMware Education Services – Certification website](#).

Minimally Qualified Candidate

The minimally qualified candidate should have one or more years of experience with VMware vCloud Director; more than a year of hands-on experience with VMware Cloud Provider Platform; and a year or more experience in storage and networking. It is strongly recommended that this person also have successfully completed the VCD Fundamentals training and have a current VCP in CMA, DCV, DTM or NV.

Exam Sections

The exam sections and objectives outline the range of content that can be included in the exam. Some objectives may not have associated questions.

Section 1 – VMware vCloud Director Architecture and Technologies

- Objective 1.1 – Define vCloud Director terminologies
- Objective 1.2 – Identify vCloud Director cell architecture and technologies
- Objective 1.3 – Describe vCloud Director processes, services, and resource abstractions
- Objective 1.4 – Describe vCloud Director networking and storage concepts
- Objective 1.5 – Identify vCloud Director hardware and software requirements
- Objective 1.6 – Identify vCloud Director support platforms

Section 2 – VMware Products and Solutions

- Objective 2.1 – Define and explain Cloud Provider Pod usage
- Objective 2.2 – Define and explain Cloud Provider Hub usage
- Objective 2.3 – Define and explain vCloud Availability Cloud-to-Cloud usage
- Objective 2.4 – Define and explain how to use VMware vCloud Usage Meter and Insight
- Objective 2.5 – Define and explain VMware vCloud Director Extender usage
- Objective 2.6 – Define and explain the Cloud Provider Platform

Section 3 – NOT APPLICABLE TO THIS EXAM

Section 4 – Configure and install VMware vCloud Director

- Objective 4.1 – Implement strategies for vCloud Director, cell, database and NSX Manager
- Objective 4.2 – Identify the system and network hardware and software requirements
- Objective 4.3 – Define, apply, and troubleshoot vCloud Director network configuration
- Objective 4.4 – Install and configure vCenter Single Sign On and SAML identity provider
- Objective 4.5 – Install and configure vCloud Director and NSX Manager
- Objective 4.6 – Configure an AMQP broker
- Objective 4.7 – Identify database prerequisites
- Objective 4.8 – Create and manage SSL certificates
- Objective 4.9 – Install and configure vCloud Director Extender
- Objective 4.10 – Install and configure load balancing for vCloud Director utilizing NSX

Section 5 and Section 6 – NOT APPLICABLE TO THIS EXAM

Section 7 – Administration and Operations of VMware vCloud Director

Objective 7.1 - Add resources to vCloud Director

Objective 7.2 – Create and manage cloud resources using vCloud Director

Objective 7.3 – Manage organizations in vCloud Director

Objective 7.4 – Create and manage vCloud Director user roles

Objective 7.5 – Manage catalogs using vCloud Director user interface

Objective 7.6 – Apply use cases for vCloud Director allocation models

Objective 7.7 – Compare tenant organization administration and provider administration

Objective 7.8 – Configure vAPP and virtual machines

Objective 7.9 – Manage catalogs using OVF tool

Objective 7.10 – Manage network administration and security

Objective 7.11 – Manage and configure storage policies

Objective 7.12 Upgrade vCloud Director environment

Recommended Courses

[VMware vCloud Director Fundamentals \[V8.x\]](#)

[VMware vCloud Director: Install, Configure, Manage \[V9.x\]](#)

References

[vCloud Director Admin Guide 9.1](#)

[vCloud Director Installation and Upgrade Guide 9.1](#)

[vCloud Architecture Toolkit](#)

[VMware vCloud Director Extender User's Guide](#)

[VMware vCloud Usage Meter 3.6 User's Guide](#)

[VMware vCloud Availability for Cloud to Cloud DR Documentation](#)

[VMware vCloud Availability Main Page](#)

[VMware vCloud Usage Meter and VMware vCloud Usage Insight](#)

[VMware vCloud Architecture Toolkit for Service Providers](#)

[VMware vCloud Director 9.1 for Service Providers Release Notes](#)

[VMware vCloud Director Tenant Portal Guide](#)

[VMware for NSX for vSphere 6.4 Administration Guide](#)

[Container Service Extension](#)

[VMware Cloud Provider Pod Product Page](#)

[VMware Cloud Provider Hub Product Page](#)

*VMware vCloud Director content in this exam based on version 9.1. Review all 9.1 release notes and material for features and function.

*VMware Cloud Provider Pod and VMware Cloud Provider Hub content in this is exam based on version 1.0.

*VMware vCloud Availability Cloud-to-Cloud content in this is exam is based on version 1.5

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