

5V0-32.19

VMware Cloud Provider Specialist Exam 2019

Exam Preparation Guide

Last Updated: Friday, August 31, 2018



Exam Details

The VMware Cloud Provider Specialist Exam (5V0-32.19) which leads to VMware Specialist – Cloud Provider 2019 badge is a 40-item exam, with a passing score of 300 using a scaled method. Candidates are given a time of 60 minutes.

Exam Delivery

This is an un-proctored exam delivered through Pearson VUE world-wide. For more information, visit the [Pearson VUE website](#).

Badge Information

Achieving VMware Specialist – Cloud Provider 2019 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 more details and a complete list of requirements and recommendations for certification 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 and References

Course

[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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