Exam Preparation Guide
Last Updated: Friday, July 27, 2018

Exam Details

The VMware Cloud on AWS Management Exam 2019 (5V0-31.19) which leads to VMware Cloud on AWS – Software Defined Data Center 2019 badge is a 30-item exam, with a passing score of 300 using a scaled method. Candidates are given 45 minutes to complete the exam.

Exam Delivery

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

Certification Information

Achieving VMware Cloud on AWS – Software Defined Data Center 2019 badge:

Path if you hold no certifications:
1. Pass the VMware Cloud on AWS Management 2019 Exam (5V0-31.19)

Path if you hold any certification:
1. Pass the VMware Cloud on AWS Management 2019 Exam (5V0-31.19)

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 (MQC) should understand basic network and storage concepts and basic Amazon Web Services (AWS) concepts. The candidate should also have vSphere 6.5+ administration experience and be familiar with vSAN 6.6+ and NSX for vSphere 6.4+. The MQC should have all the knowledge contained in the VMware on AWS – Deploy and Manage course and the exam sections listed below.

Exam Sections

Section 1 – VMware Cloud on AWS and AWS Architectures and Technologies

Objective 1.1 – Describe AWS architecture
Objective 1.2 – Describe VMware Cloud on AWS
Objective 1.3 – Explain licensing, pricing, and billing
Objective 1.4 – List the AWS services
Objective 1.5 – Describe the integrations with AWS
Objective 1.6 – Show how to use AWS Cloud Formation to deploy an SDDC

Section 2 – VMware Cloud on AWS Products and Solutions

Objective 2.1 – Show how to work with On-Premises vSphere
Objective 2.2 – Explain Hybrid Linked Mode
Objective 2.3 – Explain Hybrid Cloud Extension
Objective 2.4 – Explain how to use Content Library Files
Objective 2.5 – Explain how to create virtual machines (VMs)
Objective 2.6 – Explain how to migrate VMs
Objective 2.7 – Explain how to configure VMs
Objective 2.8 – Describe VMware DRS, HA, and vSphere FT

Section 3 – Planning and Designing a Solution – Not applicable to this exam.

Section 4 – Configure and Manage VMware Cloud on AWS

Objective 4.1 – Install and configure VMware Identity Manager
Objective 4.2 – Manage VMware Identity Manager
Objective 4.3 – Outline the VMware Cloud on AWS permissions
Objective 4.4 – Describe how to configure VMware Cloud on AWS permissions

Objective 4.5 – Explain security hardening for VMware Cloud on AWS

Section 5 – Optimize VMware Cloud on AWS

Objective 5.1 – Show how to size the SDDC

Objective 5.2 – Explain cluster management

Objective 5.3 – Define host remediation

Section 6 – Troubleshoot VMware Cloud on AWS

Objective 6.1 – Define best practice maintenance

Objective 6.2 – Outline support and staying up-to-date

Objective 6.3 – Define common troubleshooting steps

Section 7 – VMware Cloud on AWS Administration and Operations

Objective 7.1 – Describe VMware vSAN in VMware Cloud on AWS

Objective 7.2 – Explain how to use Amazon S3 with VMware Cloud on AWS

Objective 7.3 – Explain how to use Amazon EFS with VMware Cloud on AWS

Objective 7.4 – Describe VMware Cloud on AWS networking

Objective 7.5 – Show how to configure management gateway networking

Objective 7.6 – Show how to configure compute gateway networking

Objective 7.7 – Explain inter-SDDC networking
Recommended Courses

VMware Cloud on AWS: Deploy and Manage
Exam Contributors

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