vmware EDUCATION SERVICES

2V0-01.19
VMware vSphere 6.7 Foundations Exam 2019

Exam Preparation Guide

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Exam Details

The vSphere 6.7 Foundations Exam (2V0-01.19) is a prerequisite exam for the VCP-DCV, VCP-CMA, and VCP-DTM certifications. This is a 65 item exam, with a passing score of 300 using a scaled method. Candidates are given an appointment time of 105 minutes, which includes five-minute seating time and adequate time to complete the exam for non-native English speakers. Actual exam time is 100 minutes.

Exam Delivery

This is a non-proctored exam delivered by Pearson VUE. For more information, visit the **Pearson VUE website**.

Certification Information

For 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 have 6-12 months experience installing, configuring, and managing vSphere solutions. The candidate should possess typical vSphere skills, including deploying and configuring vSphere storage, networking, and compute resources as well as creating and administering vSphere virtual machines. Candidates should also be knowledgeable in optimizing, securing, and performing basic troubleshooting for all components of an installation. The successful candidate will likely have additional industry-recognized certifications and 1-2 years of general IT experience. The MQC should have all the knowledge contained in the exam sections listed below.

Exam Sections

Section 1 - install and Configure vCenter Server 6.x and ESXi 6.x Hosts

Objective 1.1 - Identify vSphere Architecture and Solutions for a Given Use Case

Objective 1.2 - Install and Configure vCenter Server 6.x

Objective 1.3 - Install and Configure ESXi 6.x Hosts

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Section 2 - Configure and Manage vSphere 6.x Networking

Objective 2.1 - Configure vSphere Standard Switches (vSS)

Objective 2.2 - Configure vSphere Distributed Switches (vDS)

Objective 2.3 - Configure vSS and vDS Features Based on Given Requirements

Section 3 - Configure and Manage vSphere 6.x Storage

Objective 3.1 - Connect Shared Storage Devices to ESXi Hosts

Objective 3.2 - Configure and Manage Software Defined Storage

Objective 3.3 - Create and Configure VMFS and NFS Datastores

Section 4 - Deploy and Administer Virtual Machines and vApps

Objective 4.1 - Create and Deploy Virtual Machines

Objective 4.2 - Create and Deploy vApps

Objective 4.3 - Manage Virtual Machine Clones and Templates

Objective 4.4 -Administer Virtual Machines and vApps

Section 5 - Establish and Maintain Availability and Resource Management Features

Objective 5.1 - Create and Configure VMware Clusters

Objective 5.2 - Plan and Implement VMware Fault Tolerance

Objective 5.3 - Create and Administer Resource Pools

Objective 5.4 - Migrate Virtual Machines

Objective 5.5 - Backup and Restore Virtual Machines

Objective 5.6 - Update ESXi and Virtual Machines

Section 6 - Perform Basic Troubleshooting of a vSphere 6.x Implementation

Objective 6.1 - Perform Basic Troubleshooting of ESXi and vCenter Installation Issues

Objective 6.2 - Perform Basic Troubleshooting of ESXi and vCenter Operational Issues

Objective 6.3 - Perform Basic Troubleshooting of Virtual Machine Operational Issues

Objective 6.4 - Identify and Troubleshoot Basic Misconfigurations

Section 7 - Perform Basic Monitoring of vSphere Implementation

Objective 7.1 - Monitor ESXi, vCenter Server, and Virtual Machines

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Objective 7.2 - Create and Administer vCenter Server Alarms

Objective 7.3 - Install and Configure vRealize Log Insight

Recommended Courses

VMware vSphere: Install, Configure, Manage [6.7]
VMware vSphere: Optimize and Scale [6.7]
VMware vSphere: Fast Track [6.7]

*VMware vSphere content in this exam based on v6.7. Review all 6.7 release notes and material for features and function.

References

http://kb.vmware.com - [VMware vSphere 6.7]

http://www.vmware.com - [Products – Data Center & Cloud – vSphere]

https://blogs.vmware.com - [VMware vSphere 6.7]

https://docs.vmware.com - [VMware vSphere 6.7]

https://www.vmware.com/support/pubs/ - [VMware vSphere 6.7]

https://www.vmware.com/techpapers.html - [VMware vSphere 6.7]

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