

2V0-21.19D

Professional vSphere 6.7 Delta Exam 2019

Exam Preparation Guide

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Exam Details

The Professional vSphere 6.7 Delta Exam 2019 (2V0-21.19D) which leads to VMware Certified Professional – Data Center Virtualization 2019 certification is a 40-item exam, with a passing score of 300 using a scaled scoring method. Candidates are given 75 minutes to complete the exam.

Exam Delivery

This is a proctored exam delivered at Pearson VUE testing centers world-wide. For more information, visit the [Pearson VUE website](#).

Certification Information

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) has already achieved the VCP 6.5- DCV certification. In addition, the MQC has six to twelve months hands-on experience installing, configuring, and managing a vSphere solution. The candidate possesses skills in deploying and administering guest operating systems on a vSphere infrastructure. The successful candidate also has basic knowledge of: storage, networking, hardware, business continuity and disaster recovery, security, environmental monitoring and troubleshooting.

Exam Sections

VMware exam blueprint sections are now standardized to the seven sections below, some of which may NOT be included in the final exam blueprint depending on the exam.

Section 1 – Architecture and Technologies

Section 2 – Products and Solutions

Section 3 – Planning and Designing

Section 4 – Installing, Configuring, and Setup

Section 5 – Performance-tuning, Optimization, and Upgrades

Section 6 – Troubleshooting and Repairing

Section 7 – Administrative and Operational Tasks

If a section is missing from “Sections Included in This Exam,” please note it is intentional and the reason for the non-sequential numbering. The numbers of each objective will correspond directly with the information reported in the score report for your convenience and future reference.

Sections Included in This Exam

See the EPG for the Professional vSphere 6.7 Exam 2019 (2V0-21.19) for a complete list of objectives and references.

Section 1 – VMware vSphere Architectures and Technologies

Objective 1.1 – Identify the pre-requisites and components for vSphere implementation

Objective 1.5 – Manage vCenter inventory efficiently

Objective 1.6 – Describe and differentiate among vSphere, HA, DRS, and SDRS functionality

Objective 1.9 – Describe the purpose of cluster and the features it provides

Objective 1.10 – Describe virtual machine (VM) file structure

Objective 1.11 – Describe vMotion and Storage vMotion technology

Section 2 – VMware Products and Solutions

Objective 2.1 – Describe vSphere integration with other VMware products

Objective 2.2 – Describe HA solutions for vSphere

Objective 2.3 – Describe the options for securing a vSphere environment

Section 4 – Installing, Configuring and Setting Up a VMware vSphere Solution

Objective 4.1 – Understand basic log output from vSphere products

Objective 4.3 – Set up a content library

Objective 4.4 – Set up ESXi hosts

Objective 4.6 – Deploy and configure VMware vCenter Server Appliance (VCSA)

Objective 4.7 – Set up identity sources

Objective 4.8 – Configure an SSO domain

Section 5 – Performance Tuning and Optimizing a VMware vSphere Solution

Objective 5.2 – Monitor resources of VCSA in a vSphere environment

Objective 5.3 – Identify impacts of VM configurations

Section 7 – Administrative and Operational Tasks in a VMware vSphere Solution

Objective 7.3 – Configure a storage policy

Objective 7.4 – Configure host security

Objective 7.9 – Create and manage VMs using different methods

Objective 7.10 – Create and manage templates

Objective 7.11 – Manage different VMware vCenter Server objects

Objective 7.15 – Utilize VMware vSphere Update Manager (VUM)

Objective 7.16 – Configure and manage host profiles

Recommended Courses

VMware vSphere: Install, Configure, Manage [V6.7]

VMware vSphere: Troubleshooting and Performance Optimization [V6.7]

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	Version	Products
Platform Services Controller Administration Update 1	11 DEC 2018	VMware vSphere 6.7, VMware ESXi 6.7, vCenter Server 6.7
vCenter Server and Host Management	17 APR 2018	VMware vSphere 6.7, VMware ESXi 6.7, vCenter Server 6.7
vCenter Server Installation and Setup	22 JUN 2018	VMware vSphere 6.7, vCenter Server 6.7
vCenter Server Installation and Setup Update 1	20 OCT 2018	VMware vSphere 6.7, vCenter Server 6.7
VMware ESXi Installation and Setup	17 APR 2018	VMware vSphere 6.7, VMware ESXi 6.7
vSphere Availability	17 APR 2018	VMware vSphere 6.7, VMware ESXi 6.7, vCenter Server 6.7
vSphere Security	21 JUN 2018	VMware vSphere 6.7, VMware ESXi 6.7, vCenter Server 6.7
vSphere Storage Guide Update 1	12 DEC 2018	VMware vSphere 6.7, VMware ESXi 6.7, vCenter Server 6.7
vSphere Update Manager Installation and Administration Guide	17 APR 2018	VMware vSphere 6.7, vSphere Update Manager 6.7
vSphere Virtual Machine Administration Upgrade 1	16 OCT 2018	VMware vSphere 6.7, VMware ESXi 6.7, vCenter Server 6.7
*vSphere content in this exam based on V6.7 and [U1]. Review all 6.7 and [U1] release notes and material for features and function.		

Sample Questions

Sample questions presented here are examples of the types of questions candidates may encounter and should not be used as a resource for exam preparation.

Sample Question 1

The storage administrator has decided to implement NAS in a deployment.

Which hardware acceleration API should be used to change the virtual disk file?

- A. full file clone
- B. reserve space
- C. native snapshot support
- D. write same

Sample Question 2

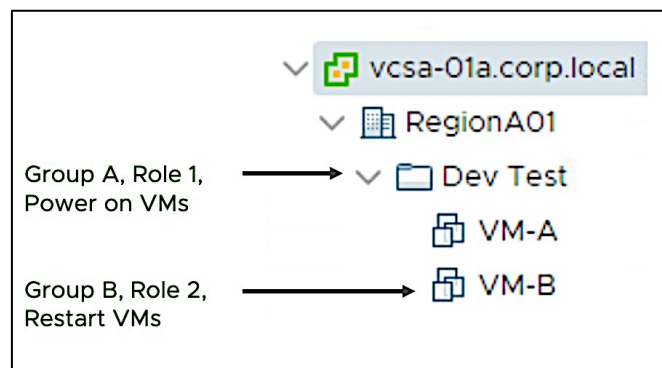
A vSphere administrator has enabled vSphere Distributed Power Management (DPM) on a DRS cluster. The hosts are not entering standby mode even though there is enough available compute capacity.

Which feature should be enabled to ensure DPM functions correctly?

- A. UEFI mode
- B. vSphere HA
- C. Wake on LAN
- D. Proactive HA

Sample Question 3

Refer to the exhibit.



There is a VM-A and VM-B in a VM folder with permissions and role assignments:

- Role 1 can power on VMs
- Role 2 can restart VMs
- Group A is granted Role 1 on VM folder
- Group B is granted Role 2 on VM-B
- User 1 is part of Group A and Group B

Which permission does User 1 have?

- A. Power on VM A and B
- B. Restart VM A and B
- C. Restart VM A only
- D. Power on VM B only

Answer Key: 1-B; 2-C; 3-A

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