

## Advanced Deploy VMware vSphere 6.7 (3V0-22.19)

### Exam Preparatory Guide



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### Exam Details

The Advanced Deploy VMware vSphere 6.7 exam (3V0-22.19) which leads to the VMware Certified Advanced Professional - Data Center Virtualization Deploy 2019 certification is a 17-item lab-based exam with a passing score of 300 using a scaled scoring method. Candidates are given 205 minutes to complete the exam, which includes five-minute seating time and adequate time to complete the exam for non-native English speakers. Actual exam time is 200 minutes.

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

### Minimally Qualified Candidate

A minimally qualified candidate (MQC) has two years of experience deploying and managing VMware virtualized data center environments. The MQC is capable of deploying, optimizing, operating, and troubleshooting complex virtualized environments. Complex environments are those that require cooperative administration across multiple locations and technologies. The candidate demonstrates technical leadership with the use of automation tools, implementing and remediating virtualized environments as well as administering all vSphere features. Candidates are required to obtain a valid VMware Certified Professional – Data Center Virtualization 2019 certification prior to attempting this certification.

### Exam Sections (Not all sections will be tested on the exam)

#### Section 1. Create and Deploy vSphere 6.x Infrastructure Components

Objective 1.1 – Perform automated ESXi Host deployment and configuration

Objective 1.2 – Deploy and Configure Core Management Infrastructure Components

Objective 1.3 – Deploy and Configure Update Manager Components

Objective 1.4 – Perform Virtual Machine Configuration

#### Section 2. Deploy and Manage a vSphere 6.x Storage Infrastructure

Objective 2.1 – Implement Complex Storage Solutions

Objective 2.2 – Manage Complex Storage Solutions

Objective 2.3 – Troubleshoot Complex Storage Solutions

### Section 3. Deploy and Manage a vSphere 6.x Network Infrastructure

Objective 3.1 – Implement and Manage vSphere Standard Switch (vSS) Networks

Objective 3.2 – Implement and Manage vSphere 6.x Distributed Switch (vDS) Networks

Objective 3.3 – Scale a vSphere 6.x Network Implementation

Objective 3.4 – Troubleshoot a vSphere 6.x Network Implementation

### Section 4. Configure a vSphere 6.x Deployment for Availability and Scalability

Objective 4.1 – Implement and Maintain vSphere Availability Solutions

Objective 4.2 – Implement and Manage DRS Solutions

Objective 4.3 – Troubleshoot vSphere Clusters

### Section 5. Configure a vSphere 6.x Deployment for Manageability

Objective 5.1 – Manage a vSphere environment using command line tools

Objective 5.2 – Implement and Maintain Host Profiles

Objective 5.3 – Manage and Analyze vSphere log files

Objective 5.4 – Configure and Manage Content Library

### Section 6. Configure a vSphere 6.x Deployment for Performance

Objective 6.1 – Utilize vSphere Performance Monitoring Tools

Objective 6.2 – Optimize Virtual Machine Resources

### Section 7. Configure a vSphere 6.x Deployment for Recoverability

Objective 7.1 – Deploy and Manage vSphere Replication

Objective 7.2 – Deploy and Manage vSphere Data Protection

Objective 7.3 – Backup and Recover vSphere Configurations

Objective 7.4 – Deploy and Manage vCenter Server Appliance High Availability

### Section 8. Configure a vSphere 6.x Environment for Security

Objective 8.1 – Manage Authentication and End-User Security

Objective 8.2 – Manage SSL Certificates and Encryption Keys

Objective 8.3 – Harden a vSphere Deployment

Objective 8.4 – Securing and Encrypting a Virtual Machine

## **Recommended Courses**

[VMware Advanced Skills for vSphere Professionals Workshop \[V6.7\]](#)

## **References**

[VMware vSphere Documentation](#)

[Back up a vCenter Server Appliance by Using the vCenter Server Appliance Management Interface](#)

[Edit a Policy](#)

[Enable Traffic Filtering and Marking on a Distributed Port or Uplink Port](#)

[Join the vCenter Server Appliance to an Active Directory](#)

[Visually Learn About Exciting New Capabilities of Auto Deploy in vSphere 6.5](#)

[Reconfiguring VMWare vSphere Update Manager – VMware vSphere 6.5, vSphere Update Manager 6.5](#)

[VMware vSphere Replication Installation and Configuration – vSphere Replication 6.5](#)

[vSphere Networking - VMware vSphere 6.5, VMware ESXi 6.5, vCenter Server 6.5](#)

[vSphere Resource Management – VMware vSphere 6.5, VMware ESXi 6.5, vCenter Server 6.5](#)

[vSphere Security - VMware vSphere 6.5, VMware ESXi 6.5, vCenter Server 6.5](#)

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