

# Advanced Deploy VMware vSphere 6.7

## Exam Details (Last Updated: 6/20/2020)

The Advanced Deploy VMware vSphere 6.7 exam (3V0-21.20) which leads to the VMware Certified Advanced Professional - Data Center Virtualization Deploy 2021 certification is a 17-item lab-based exam with a passing score of 300 using a scaled scoring method. Candidates are given 200 minutes to complete the exam, which includes adequate time to complete the exam for non-native English speakers.

## Exam Delivery

This is a proctored exam delivered through Pearson VUE. For more information, visit the [Pearson VUE website](#).

## Certification Information

For details and a complete list of requirements and recommendations for 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 2020 certification prior to attempting this certification.

## Exam Sections

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

## Exam Content Contributors

Drew LaBonne  
Christopher  
Morrow  
Parimala Swamy  
Michael Gorka  
Wee Kiong Tan  
Wen Bin Tay  
Ross Wynne  
Zachary Gregory  
James Walker  
Frank Escaros-  
Buechsel  
James Bowling  
Fabrizio De Luca  
Christian Parker  
Kenneth  
Fingerlos  
Jon Pawlawski  
Jayson Block  
Jason Coleman  
Donald Schubot  
Christian Mohn  
Petr McAllister  
Rob Thomas  
Jacy Townsend  
Nathan Small  
Jonathan  
McDonald  
Raymundo  
Escobar  
David Sincavage  
Kevin Dickens  
Mike Brown  
Rebecca Fitzhugh  
Mike Burkhart  
Kim Bottu



**VMware, Inc.** 3401 Hillview Avenue Palo Alto CA 94304 USA Tel 877-486-9273 Fax 650-427-5001 [www.vmware.com](http://www.vmware.com)  
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