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 2020 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
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