Advanced Deploy VMware vSphere 6.5

Exam Details (Last Updated: 1/21/2020)
The Advanced Deploy VMware vSphere 6.5 (3V0-2118) which leads to VMware Certified Advanced Professional – Data Center Virtualization Deploy 2020 certification is a 17-item exam, with a passing score of 300 using a scaled method. Candidates are given a time of 205 minutes, with an automatic 30-minute time extension for non-native English speakers, to complete the exam.

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) achieving the VMware Certified Advanced Professional — Data Center Virtualization Deploy certification 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 certification prior to attempting this certification. A minimally qualified candidate for the VCAP-DCV Deploy 2020 certification has minimum two years of experience deploying and managing VMware virtualized data center environments.

Exam Sections
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 vSphere: Optimize and Scale [V6.5]
References

Visually Learn About Exciting New Capabilities of Auto Deploy in vSphere 6.5
VMware vSphere Blog Visually Learn About Exciting New Capabilities of Auto Deploy in vSphere 6.5
VMware vSphere
Join the vCenter Server Appliance to an Active Directory Domain
Reconfiguring VMware vSphere Update Manager
vSphere Resource Management
vSphere Networking
Edit a Policy
VMware vSphere Replication Installation and Configuration
vSphere Security
Back up a vCenter Server Appliance by Using the vCenter Server Appliance Management Interface
Enable Traffic Filtering and Marking on a Distributed Port or Uplink Port
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