VMware Advanced Skills for vSphere Professional Workshop

Course Overview

This five-day workshop is intended to provide hands-on experience to anyone aspiring to pass the VMware Certified Advanced Professional — Data Center Virtualization Deploy 2018 certification exam. This course covers all the exam objectives and provides maximum practical exposure to various vSphere administration and configuration issues.

Course Objectives

By the end of the course, you should be able to meet the following objectives:

- Configure and manage Auto Deploy configurations
- Configure advanced system settings
- Deploy and configure Core Management Infrastructure components
- Deploy and configure Update Manager components
- Perform virtual machine configurations
- Implement complex storage solutions
- Deploy and configure VMware vSAN™
- Troubleshoot complex storage solutions
- Implement and manage VMware vSphere® 6.x Standard Switch (vSS) and Distributed Switch (vDS) networks
- Troubleshoot a vSphere 6.x network implementation
- Implement and maintain vSphere availability solutions
- Implement and manage DRS solutions
- Troubleshoot vSphere clusters
- Manage a vSphere environment using command line tools
- Manage and analyze vSphere log files
- Configure and manage Content Library
- Utilize vSphere Performance Monitoring Tools
- Optimize virtual machine resources
- Deploy and manage VMware vSphere® Replication™ and VMware vSphere® Data Protection™
- Backup and recover vSphere configurations
- Configure a vSphere 6.x environment for security
- Manage authentication and end-user security
- Manage SSL certificates and encryption Keys
- Secure and encrypt a virtual machine

Target Audience

Experienced system administrators aspiring to pass VCAP 6.7 certification exam.

Prerequisites

This class requires completion of the following:

- VMware Certified Professional-Datacenter Virtualization (VCP-DCV) certification

It's also recommended that student have completed the VMware vSphere: Optimize and Scale [V6.7] course before joining this training.

Certifications

This course prepares you for the following certification:

- VMware Certified Advanced Professional — Data Center Virtualization Deploy

Course Delivery Options

- Classroom
- Live Online
- Onsite

Product Alignment

- VMware ESXi™ 6.7
- vSphere 6.7

Course Modules

1 Course Introduction
- Introductions and course logistics
- Course objectives

2 Create and Deploy vSphere 6.x Infrastructure Components
- Configure and manage Auto Deploy configurations
- Configure advanced system settings
- Deploy and configure core management infrastructure components
- Deploy and configure Update Manager components
- Perform virtual machine configurations

3 Deploy and Manage a vSphere 6.x Storage Infrastructure
- Implement complex storage solutions
- Deploy and configure vSAN
- Troubleshoot complex storage solutions

4 Deploy and Manage a vSphere 6.x Network Infrastructure
- Implement and manage vSphere 6.x Standard Switch (vSS) and Distributed Switch (vDS) networks
- Troubleshoot a vSphere 6.x network implementation

5 Configure a vSphere Deployment for Availability and Scalability
- Implement and maintain vSphere availability solutions
- Implement and manage DRS solutions
- Troubleshoot vSphere clusters

6 Configure a vSphere Deployment for Manageability
- Manage a vSphere environment using command line tools
- Manage and analyze vSphere log files
- Configure and manage Content Library

7 Configure a vSphere Deploy for Performance
- Utilize vSphere performance monitoring tools
- Optimize virtual machine resources

8 Configure a vSphere 6.x Environment for Recoverability
- Backup and recover vSphere configurations

9 Configure a vSphere 6.x Environment for Security
- Manage authentication and end-user security
- Manage SSL certificates and encryption keys
- Secure and encrypt a virtual machine

Contact

If you have questions or need help registering for this course, click here.

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