

VMware vSphere: Optimize and Scale v6.7

Course Code

SSV0079

Duration

5 Days

Format

Class Room | Class Room and
Virtual | eLearning | Virtual Class
Room

Overview

This five-day course teaches you advanced skills for configuring and maintaining a highly available and scalable virtual infrastructure. Through a mix of lecture and hands-on labs, you configure and optimize the VMware vSphere® 6.7 features that build a foundation for a truly scalable infrastructure, and you discuss when and where these features have the greatest effect. This course deepens your understanding of vSphere and how its advanced features and controls can benefit your organization.

Objectives

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

- Configure and manage vSphere networking and storage for a large and sophisticated enterprise
- Use VMware vSphere® Client™, VMware vSphere® Web Client, and VMware vSphere® ESXi™ Shell to manage vSphere
- Create a content library for deploying virtual machines
- Use VMware vSphere® Auto Deploy™ and host profiles to provision VMware ESXi™ hosts and manage ESXi host compliance
- Monitor and analyze key performance indicators for compute, storage, and networking resources for ESXi hosts
- Optimize the performance of ESXi and VMware vCenter Server®
- Harden the vSphere environment against security threats
- Encrypt virtual machines for additional security

Content

- Course Introduction
- Network Scalability
- Storage Scalability
- Host and Management Scalability
- CPU Optimization
- Memory Optimization
- Storage Optimization

Who Should Attend

Experienced system administrators, system engineers, and system integrators.

Prerequisites

You must meet one of the following prerequisites:

- Understand the concepts presented in the VMware vSphere: Install, Configure, Manage [V6.7] course
- Equivalent knowledge and administration experience with ESXi and vCenter Server

Experience with working at the command line is highly recommended

VMware vSphere: Optimize and Scale v6.7

Course Code

SSV0079

Duration

5 Days

Format

Class Room | Class Room and
Virtual | eLearning | Virtual Class
Room

- Network Optimization
- vCenter Server Performance Optimization
- vSphere Security