

VMware vSAN plus VMware vRealize Operations: Deploy and Manage v6.6 - EDU-SANVROPS66-OE v6.6

Course Summary

Description

In this course, you will focus on deploying and managing a software-defined storage solution with VMware vSAN 6.6. You will learn how vSAN functions as an important component in the VMware software-defined data center. You will gain practical experience with vSAN concepts through the completion of hands-on lab exercises. This course also teaches you how to use VMware vRealize Operations as a forensic and predictive tool. Based on VMware ESXi 6.5, VMware vCenter Server 6.5, and vRealize Operations 6.6, this course includes instruction on advanced capabilities, including customization and management.

Topics

- :: Course Introduction
- :: Storage Fundamentals
- :: Introduction to vSAN
- :: vSAN Configuration
- :: vSAN Policies and Virtual Machines
- :: Managing and Operating vSAN
- :: Monitoring and Troubleshooting vSAN
- :: Stretched Clusters and Two-Node Clusters
- :: Interoperability with vSphere Features
- :: Designing a vSAN Deployment
- :: Introduction to vRealize Operations Manager
- :: vRealize Operations Manager User Interface
- :: Troubleshooting System Health Issues
- :: Capacity Planning
- :: Custom Alert Definitions
- :: Custom Views
- :: Custom Dashboards
- :: Monitoring vSAN with vRealize Operations Manager

Audience

This course is designed for:

- :: Storage and virtual infrastructure administrators who want to use software-defined storage with vSAN
- :: Experienced system administrators and system integrators, and consultants responsible for customizing
- :: vRealize Operations content

Prerequisites

Due to the nature of this material, this document refers to numerous hardware and software products by their trade names. References to other companies and their products are for informational purposes only, and all trademarks are the properties of their respective companies. It is not the intent of ProTech Professional Technical Services, Inc. to use any of these names generically

This course requires completion of one of the following prerequisites:

- :: Storage administration experience on block or file storage devices
- :: Understanding of concepts presented in the VMware vSphere: Install, Configure, Manage [V6.5] course
- :: Experience working at the command line is helpful.
- :: The course material presumes that a student can perform the following tasks with no assistance or guidance before enrolling in this course:
 - :: Use VMware vSphere Web Client
 - :: Create and manage VMware vCenter Server objects, such as data centers, clusters, hosts, and virtual machines
 - :: Create and modify a standard switch
 - :: Connect a VMware ESXi host to NAS, iSCSI, or Fibre Channel storage
 - :: Create a VMware vSphere VMFS datastore
 - :: Use a wizard or a template to create a virtual machine
 - :: Migrate a virtual machine with VMware vSphere vMotion
 - :: Migrate a virtual machine with VMware vSphere Storage vMotion

If you cannot complete all of these tasks, VMware recommends that you complete the VMware vSphere: Install, Configure, Manage [V6.5] course before enrolling in VMware vSAN: Deploy and Manage.

Duration

5 Days/Lecture & Lab