

VMware vSAN: Deploy and Manage V6.7

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In this three-day course, you focus on deploying and managing a software-defined storage solution with VMware vSAN™ 6.7. You learn how vSAN functions as an important component in the VMware software-defined data center. You gain practical experience with vSAN concepts through the completion of hands-on lab exercises.

Kursinhalt

- Course Introduction
- Introduction to vSAN
- vSAN Configuration
- vSAN Policies and Virtual Machines
- Managing and Operating vSAN
- Stretched Clusters and Two-Node Clusters
- Resource Scheduler™ for a stretched cluster
- Monitoring and Troubleshooting vSAN

Zielgruppe

Storage and virtual infrastructure administrators who want to use software-defined storage with vSAN

Voraussetzungen

This course requires meeting 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 [V6.7] 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® Client
- Create and manage VMware vCenter Server® objects, such as data centers, clusters, hosts, and virtual machines
- Create and modify a standard switch
- Create and modify a distributed 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 [V6.7] course before enrolling in VMware vSAN: Deploy and Manage.

Dieser Kurs im Web



Alle tagesaktuellen Informationen und Möglichkeiten zur Bestellung finden Sie unter dem folgenden Link: www.experteach.de/go/VVSD

Vormerkung

Sie können auf unserer Website einen Platz kostenlos und unverbindlich für 7 Tage reservieren. Dies geht auch telefonisch unter 06074 4868-0.

Garantierte Kurstermine

Für Ihre Planungssicherheit bieten wir stets eine große Auswahl garantierter Kurstermine an.

Ihr Kurs maßgeschneidert

Diesen Kurs können wir für Ihr Projekt exakt an Ihre Anforderungen anpassen.

Training		Preise zzgl. MwSt.	
Classroom Training	3 Tage	€ 2.195,-	
Online Training	3 Tage	€ 2.195,-	
Termin/Kursort			
27.05.-29.05.19	Schwalbach	09.10.-11.10.19	Berlin
12.06.-14.06.19	Hamburg	28.10.-30.10.19	München
22.07.-24.07.19	München	06.11.-08.11.19	Hamburg
02.09.-04.09.19	Schwalbach	16.12.-18.12.19	Düsseldorf

Stand 26.05.2019



Inhaltsverzeichnis

VMware vSAN: Deploy and Manage V6.7

1 Course Introduction

- Introductions and course logistics
- Course objectives
- Describe the software-defined data center

2 Introduction to vSAN

- Describe the vSAN architecture and components
- Describe the differences between the vSAN hybrid and all-flash architectures
- Describe the space-efficiency features of vSAN

3 vSAN Configuration

- Identify physical network configuration requirements
- Configure vSAN networking
- Configure a vSAN cluster
- Test and validate the vSAN configuration and functionality

4 vSAN Policies and Virtual Machines

- Explain how storage policies work with vSAN
- Define and create a virtual machine storage policy
- Apply and modify virtual machine storage policies
- Discuss the vsanSparse snapshot format
- Explain the considerations for vsanSparse snapshots

5 Managing and Operating vSAN

- Manage hardware storage devices
- Manage hardware device failures
- Identify vCenter Server alarms for vSAN events
- Configure fault domains
- Upgrade to vSAN 6.7

6 Stretched Clusters and Two-Node Clusters

- Describe the architecture for stretched clusters and two-node clusters
- Create a stretched cluster using a two-node configuration
- Configure VMware vSphere® High Availability and VMware vSphere® Distributed Resource Scheduler™ for a stretched cluster
- Demonstrate stretched cluster failover scenarios

7 Monitoring and Troubleshooting vSAN

- Use vSphere Web Client to detect issues
- Use the vSAN health service to monitor health and

performance

- Monitor vSAN with VMware vRealize® Operations Manager™
- Use ESXi commands to monitor the vSAN environment
- Monitor vSAN with Ruby vSphere Console



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