

VMware vSphere 6.7: Troubleshooting Workshop

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This five-day, hands-on training workshop provides you with the advanced knowledge, skills, and abilities to achieve competence in troubleshooting the VMware vSphere® 6.x environment. This workshop increases your skill and competence in using the command-line interface, VMware vSphere® Client™, VMware vRealize® Log Insight™, and other tools to analyze and solve problems. This course prepares you for the following certification:
VMware Certified Professional 6.5 – Data Center Virtualization (VCP6.5-DCV)

Kursinhalt

- Course Introduction
- Introduction to Troubleshooting
- Troubleshooting Tools
- Networking
- Storage
- vSphere Clusters
- Virtual Machines
- vCenter Server and ESXi

E-Book Jeder Teilnehmer erhält englischsprachige Unterlagen von VMware als E-Book.

Zielgruppe

- System administrators
- System integrators

Voraussetzungen

This course requires completion of one of the following prerequisites:

- VMware Certified Professional 6.5 – Data Center Virtualization (VCP6.5-DCV)
- VMware vSphere: Fast Track [V6.5]
- VMware vSphere: Install, Configure, Manage [V6.7]
- Equivalent knowledge and administration experience with ESXi and vCenter Server

Experience in working with a command-line interface is highly recommended, as is completion of VMware vSphere: Optimize and Scale [V6.7].

Dieser Kurs im Web



Alle tagesaktuellen Informationen und Möglichkeiten zur Bestellung finden Sie unter dem folgenden Link:
www.expertech.de/go/VMT6

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	5 Tage	€ 3.795,-	
Online Training	5 Tage	€ 3.795,-	
Termin/Kursort			
17.06.-21.06.19	Hamburg	24.06.-28.06.19	Schwalbach
24.06.-28.06.19	 Online		

Stand 19.05.2019



Inhaltsverzeichnis

VMware vSphere 6.7: Troubleshooting Workshop

1 Course Introduction

- Introductions and course logistics
- Course objectives

2 Introduction to Troubleshooting

- Identify the effects of a system problem
- Define the scope of troubleshooting
- Use a structured approach
- Discuss the principles of troubleshooting
- Follow a logical troubleshooting procedure
- Examine examples of troubleshooting

3 Troubleshooting Tools

- Use command-line tools to identify and troubleshoot problems
- Use vSphere CLI
- Find and interpret important log files
- Use vRealize Log Insight for log aggregation, efficient log search, and problem analysis

4 Networking

- Identify the symptoms of network-related problems
- Analyze and resolve standard switch and distributed switch problems
- Analyze virtual machine connectivity problems and fix them
- Examine common management network connectivity problems and restore configurations
- Identify and prevent potential problems

5 Storage

- Troubleshoot storage (iSCSI, NFS, VMware vSphere® VMFS, VMware vSAN™, and VMware vSphere® Virtual Volumes™) connectivity problems
- Analyze storage-related logs
- Analyze hardware malfunction and software misconfiguration scenarios
- Identify multipathing-related problems, including permanent device loss (PDL) and all paths down (APD)
- Analyze possible causes, recover from faulty conditions, and restore storage visibility

6 vSphere Clusters

- Identify and recover from problems related to vSphere HA

- Analyze and troubleshoot various types of vSphere vMotion problems related to virtual machine migrations
- Discuss and recover from vSphere DRS problems to achieve proper function and balanced resource use
- Examine vSphere cluster failure scenarios and possible solutions

7 Virtual Machines

- Analyze and resolve common virtual machine snapshot problems
- Identify possible causes and resolve virtual machine power-on problems
- Troubleshoot virtual machine connection state problems
- Resolve problems seen during VMware Tools™ installations
- Examine failure scenarios and provide solutions

8 vCenter Server and ESXi

- Describe the vCenter Server and VMware Platform Services Controller™ architecture in vSphere 6.x
- Identify and resolve authentication problems
- Troubleshoot VMware Certificate Authority and certificate problems
- Analyze and fix problems with vCenter Server services
- Analyze and fix vCenter Server database problems
- Identify VMware vCenter Server® High Availability problems
- Examine ESXi host and vCenter Server failure scenarios and resolve



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