

VMware vSphere: Troubleshooting [V7]

Überblick

Dieser fünftägige praktische Schulungskurs vermittelt Ihnen die fortgeschrittenen Kenntnisse, Fähigkeiten und Fertigkeiten, um Kompetenzen bei der Fehlerbehebung in der VMware vSphere® 7.x-Umgebung zu erlangen. Dieser Workshop erweitert Ihre Fähigkeiten und Kompetenzen in der Verwendung der Befehlszeilenschnittstelle, des VMware vSphere® Client™, der Protokolldateien und anderer Tools zur Analyse und Lösung von Problemen.



Dauer:
5 Tage



Preis:
3.700,00 € (4.403,00 € inkl. MwSt.)

Kursinhalt

Course Introduction

- Introductions and course logistics
- Course objectives

Introduction to Troubleshooting

- Define the scope of troubleshooting
- Use a structured approach to solve configuration and operational problems
- Apply a troubleshooting methodology to logically diagnose faults and improve troubleshooting efficiency

Troubleshooting Tools

- Use command-line tools (such as Linux commands, vSphere CLI, ESXCLI) to identify and troubleshoot vSphere problems
- Identify important vSphere log files and interpret the log file contents

Troubleshooting Virtual Networking

- Use command-line tools (such as Linux commands, vSphere CLI, ESXCLI) to identify and troubleshoot vSphere problems
- Identify important vSphere log files and interpret the log file contents

Troubleshooting Virtual Networking

- 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

Troubleshooting Storage

- Troubleshoot and resolve storage (iSCSI, NFS, and VMware vSphere® VMFS) connectivity and configuration problems
- Analyze and resolve common VM snapshot problems
- Identify multipathing-related problems, including common causes of permanent device loss (PDL) and all paths down (APD) events and resolve these problems

Troubleshooting vSphere Clusters

- Identify and recover from problems related to vSphere HA
- Analyze and resolve VMware vSphere® vMotion® configuration and operational problems
- Analyze and resolve common VMware vSphere® Distributed Resource Scheduler™ problems

Troubleshooting Virtual Machines

- Identify possible causes and resolve virtual machine power-on problems
- Troubleshoot virtual machine connection state problems
- Resolve problems seen during VMware Tools™ installations

Troubleshooting vCenter Server and ESXi

- Analyze and fix problems with vCenter Server services
- Analyze and fix vCenter Server database problems
- Examine ESXi host and vCenter Server failure scenarios and resolve the problems

Voraussetzungen

- Für diesen Kurs müssen Sie eine der folgenden Voraussetzungen erfüllen:
 - VMware vSphere: Fast Track [V6.x] or [V7]
 - VMware vSphere: Install, Configure, Manage [V6.x] or [V7]
 - VMware vSphere: Optimize and Scale [V6.x] or [V7]
 - Gleichwertige Kenntnisse und Verwaltungserfahrung mit ESXi und vCenter Server
- Erfahrung in der Arbeit mit einer Befehlszeilenschnittstelle wird dringend empfohlen.

Zielgruppe

Dieser Kurs richtet sich an Systemadministratoren und Systemingenieure.

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