

VMware vSphere: Fast Track

Kein Kursort verfügbar

Preis CHF: 7'950.00

Preis EUR: 6'599.00



Thema/Kursziel:

This intensive, extended-hours training course focuses on installing, configuring, managing, and troubleshooting VMware vSphere. It combines the content of the VMware vSphere 4: Install, Configure, Manage course with advanced tasks and skills for configuring a highly available and scalable virtual infrastructure. Upon completing this course, you can take the examination to qualify as a VMware Certified Professional.

At the end of the course, you should be able to:

- Install and configure VMware ESX/ESXi, vCenter Server, and the vSphere Management Assistant
- Configure, manage, and troubleshoot ESX/ESXi networking and storage
- Create, configure, migrate, manage, convert, and monitor virtual machines and virtual appliances
- Scale the vSphere virtual infrastructure
- Implement business continuity solutions
- Manage changes to the vSphere environment

Best practices and lab exercises are interspersed throughout the course.

Zielgruppen:

Experienced system administrators and system integrators willing to work hard to achieve superior vSphere skills with minimal time away from the office.

Kursinhalt:

- Module 1: Course Introduction
- Module 2: Introduction to VMware Virtualization
 - Discuss virtualization and vSphere components
- Module 3: Configuring VMware ESX/ESXi
 - Configure ESX/ESXi settings and view system logs
- Module 4: Installing and Using VMware vCenter Server
 - Install and configure vCenter Server and vSphere Management Assistant
 - Manage vCenter Server inventory hierarchies
- Module 5: Networking
 - Configure and troubleshoot vNetwork components
- Module 6: Storage
 - Review storage management technologies
 - Analyze and troubleshoot storage-related issues
- Module 7: Virtual Machines
 - Deploy virtual machines using templates, VMware vCenter Converter, and Guided Consolidation
 - Modify and manage virtual machines
- Module 8: Access Control
 - Control user access through roles and permissions

- Module 9: Resource Monitoring
 - Assess workloads and monitor resources through the GUI interfaces and CLI
- Module 10: Scalability
 - Scale resource management
 - Manage multiple vCenter Server inventories
 - Perform VMware VMotion™ migrations
 - Configure clusters for VMware Distributed Resource Scheduler and VMware Distributed Power Management
- Module 11: High Availability and Data Protection
 - Review business continuity products and features
 - Follow best practices to configure VMware High Availability clusters and VMware Fault Tolerance
 - Install and configure VMware vCenter Server Heartbeat
 - Deploy VMware Data Recovery to back up virtual machines
- Module 12: Configuration Management
 - Manage change in the vSphere environment with Host Profiles and VMware vCenter Update Manager
- Module 13: Installing ESX
 - Perform manual (ESX/ESXi) and scripted (ESX) installations

Voraussetzungen:

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- Willingness to participate in a demanding, high-intensity training experience
- Comfort with system administration using command-line interfaces
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Kursumgebung:

Kurssprache:

Die Kurssprache ist standardmässig deutsch. In Abstimmung mit den Kursteilnehmern kann der Kurs auch englisch erfolgen (z.B. für firmeninterne Kurse).

Kursdokumentation:

Eine ausführliche Dokumentation (Original VMware Unterlagen) in englischer Sprache wird den Teilnehmern abgegeben.

Dieser Kurs wird in Zusammenarbeit mit der Firma Magirus (www.magirus.ch) durchgeführt.