

VMware vSphere: Skills for Operators

Kein Kursort verfügbar

Preis CHF: 1'950.00

Preis EUR: 1'619.00



Thema/Kursziel:

At the end of the course, you should have an understanding of vSphere 4 capabilities and be able to:

- Create, deploy, and manage virtual machines
- Use vCenter Server to monitor virtual machine resource usage
- Use VMware vCenter Update Manager to apply patches to virtual machines
- Use VMware vMotion and Storage vMotion to migrate virtual machines
- Troubleshoot problems with virtual machine configuration

Zielgruppen:

System administrators and operators responsible for ESXi, ESX, or vCenter Server

Kursinhalt:

- Module 1: Course Introduction
- Module 2: Introduction to VMware Virtualization
 - Discussion of virtualization and vSphere components
- Module 3: Virtual Machine Creation and Management
 - Create a virtual machine
 - Install a guest operating system in a virtual machine
 - Install VMware Tools into a Windows guest operating system
 - Enable time synchronization between a virtual machine and the host
 - Create a template
 - Create a template and deploy a virtual machine from it
 - Clone a virtual machine that is powered on
 - Take snapshots of a virtual machine and revert to a snapshot
 - Modify a virtual machine's disk, memory, and name
 - Manipulate virtual machines in the vCenter Server inventory
 - Delete a virtual machine from disk
 - Add a raw LUN to an existing virtual machine
- Module 4: Virtual Machine Resource Monitoring
 - Use vCenter Server to monitor CPU utilization
- Module 5: Using Update Manager to Update Virtual Machines
 - List all patches installed on both your virtual machine and template
 - Create a patch baseline
 - Scan for updates
 - Remediate the virtual machine and template
- Module 6: Migrating Virtual Machines
 - Verify that your virtual machine's settings meet vMotion requirements
 - Verify that your ESX host meets vMotion requirements

- Perform a vMotion migration a virtual machine
- Perform a Storage vMotion migration a virtual machine
- Module 7: Troubleshooting Virtual Machines
- Identify and correct common configuration issues with virtual machines

Voraussetzungen:

System administration experience on Microsoft Windows or Linux operating systems

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.