

VMware vSphere 4: Overview

Kein Kursort verfügbar

Preis CHF: 380.00

Preis EUR: 315.00



Thema/Kursziel:

By the end of the course, you should understand how to use vSphere core features, including:

-Using VMware vCenter Server to deploy virtual machines-Performing live migrations of virtual machines-Configuring VMware ESX clusters to automatically balance virtual machine workloads-Hierarchically allocating CPU and memory resources to specific business functions-Using vCenter Server alarms to proactively monitor the virtual datacenter-Ensuring high availability of applications

Zielgruppen:

This course is designed for technical persons responsible for evaluating ESX, ESXi, and vCenter Server, including IT managers, system architects, and system administrators.

Kursinhalt:

-Module 1: Course Introduction-Module 2: Virtual Infrastructure Overview - Define virtualization and identify vSphere components - Learn to use the vCenter Server management interface - View virtual network and storage components-Module 3: Creating Virtual Machines - Create and use templates to deploy virtual machines - Automate guest operating system customization-Module 4: Allocating Compute Resources to Business Functions - Hierarchically allocate CPU and memory resources - Set virtual machine priorities on CPU and memory resources - Create resource pools-Module 5: Migrating Virtual Machines - Migrate live virtual machines using VMware VMotion and VMware Storage VMotion-Module 6: Balancing Virtual Machine Workloads - Configure a VMware Distributed Resource Scheduler cluster and resource pools-Module 7: Monitoring the Virtual Datacenter - Become familiar with vCenter Server graphs to monitor virtual machine performance - Use vCenter Server alarms to monitor and proactively respond to ESX/ESXi and virtual machine state changes-Module 8: High Availability and Fault Tolerance - Configure a VMware High Availability cluster - Understand how VMware Fault Tolerance works-Module 9: Extending VMware vSphere Capabilities - Discuss how different VMware products and features work together to reduce the costs and improve the efficiency, availability, flexibility, and manageability of your datacenter

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.