

## VMware vSphere 4: What is New

Kein Kursort verfügbar

Preis CHF: 1'980.00

Preis EUR: 1'643.00



### Thema/Kursziel:

This hands-on training course explores new features in future versions of VMware vCenter Server and ESX/ESXi, as well as how to upgrade.

At the end of the course, you should possess knowledge and skills for the following:

- Upgrading VMware deployments
  - Deploying distributed virtual switches to simplify datacenter-wide network management
  - Using VMDirectPath to assign a PCI adapter directly to a virtual machine
  - Migrating virtual machines' storage while they are live with Storage vMotion
  - Growing virtual disks and VMFS volumes while they are live
  - Employing VMware's new Pluggable Storage Architecture
  - Ensuring application availability with VMware Fault Tolerance
  - Manage more than one vCenter Server from the same client
- Use the new host profiles feature to keep hosts uniformly configured
- Save energy with VMware Distributed Power Management
  - Save disk space with thin provisioning
  - Administer virtual appliances consisting of more than one virtual machine

### Zielgruppen:

System architects, system administrators, IT managers, and individuals responsible for implementing and managing VMware Infrastructure architectures.

### Kursinhalt:

- Module 1: Introducing the Next Generation of VI  
Highlights Next Generation enhancements by component and reviews upgrade tools and strategies.
- Module 2: Infrastructure Administration  
Presents new features that support better infrastructure monitoring and reduce the time it takes to provision ESX/ESXi hosts and virtual machines.
- Module 3: Networking  
Discusses networking enhancements that simplify configuration, extend support, and improve performance.
- Module 4: Storage  
Introduces new storage features that reduce storage costs, streamline management, and optimize performance.
- Module 5: Resource Management  
Reviews vMotion™ compatibility enhancements, new VMware Distributed Resource Scheduler monitoring and management tools, and extended VMware DPM support.
- Module 6: Business Continuity  
Presents VMware High Availability enhancements and introduces VMware Fault Tolerance and vStorage APIs for data recovery.

### **Voraussetzungen:**

Empfohlen: Erfolgreicher Abschluss in "Virtual Infrastructure 3: Installation und Konfiguration mit ESX und VirtualCenter oder gleichwertiges Wissen.

### **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](http://www.magirus.ch)) durchgeführt.