

VMware vSphere 4: Install, Configure, Manage

This hands-on training course explores installation, configuration, and management of VMware® vSphere™, which consists of VMware ESXi/ESX™ and VMware vCenter™ Server. Upon completion of this course, you can take the examination to become a VMware Certified Professional. The course is based on ESXi 4.0, ESX 4.0, and vCenter Server 4.0.

Students who complete this course may enroll in any of several more-advanced vSphere courses. See www.vmware.com/education for options.

Course Contents

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 Module 2: Introduction to VMware Virtualization
 Module 3: Configuring ESXi/ESX
 Module 4: Installing and Using VMware vCenter Server
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 Module 6: Storage
 Module 7: Virtual Machines
 Module 8: Access Control
 Module 9: Resource Monitoring
 Module 10: Scalability
 Module 11: High Availability and Data Protection
 Module 12: Configuration Management
 Module 13: Installing ESX

Target Group

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

Knowledge Prerequisites

System administration experience on Microsoft Windows or Linux operating systems

Course Objectives

- Install and configure ESX
- Install and configure vCenter Server
- Configure and manage ESX networking and storage using vCenter Server
- Deploy and manage virtual machines
- Manage user access to the VMware infrastructure
- Increase scalability using vCenter Server
- Monitor resource usage using vCenter Server
- Apply patches using VMware vCenter Update Manager
- Manage higher availability and data protection using vCenter Server

VMware

Reservation and Registration

We will be glad to make a free and non-binding course reservation for you for the duration of two weeks. On www.experteach-benelux.com under *Registration*, you can conveniently make course reservations, registrations, and hotel reservations. Alternatively, call us under +31 (0)76 52 32 950.

For closed groups of participants, we can modify the course contents according to your requirements. Do not hesitate to contact us!



4 days

€2,595 exclusive of V.A.T.

Course date (dd.mm.yy)/Location

Course dates available on request

Up-to-date information: www.experteach-benelux.com

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ICT Training

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- Module 1: Course Introduction
- Module 2: Introduction to VMware Virtualization
- Discussion of virtualization and vSphere components
- Module 3: Configuring ESXi/ESX
- Configuration of ESXi and ESX
- Module 4: Installing and Using VMware vCenter Server
- Install and configure vCenter Server, and use the VMware vSphere Client to manage vCenter Server inventory hierarchies
- Module 5: Networking
- Configuration of vNetwork standard and distributed switches, network connections, and port groups
- Module 6: Storage
- Storage management technologies
- Module 7: Virtual Machines
- Deploy virtual machines using templates, VMware vCenter Converter, Guided Consolidation
 - Modifying, managing, and migrating virtual machines
- Module 8: Access Control
- Controlling user access through roles and permissions
- Module 9: Resource Monitoring
- Workload assessment, monitoring using vCenter Server
- Module 10: Scalability
- VMware VMotion™ migrations
 - Setup of resource pools and VMware Distributed Resource Scheduler cluster
- Module 11: High Availability and Data Protection
- Setup of a VMware High Availability cluster
 - Backup and recovery of virtual machines using VMware Data Recovery
- Module 12: Configuration Management
- Patching using vCenter Update Manager
- Module 13: Installing ESX
- Installation of ESX

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