

VMware vSphere: Install, Configure, Manage - Comprehensive

Audit & Quality Assurance
Online
28 Sep - 02 Oct 2025

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VMware vSphere: Install, Configure, Manage - Comprehensive

Ref: 321828_136708 **Date:** 28 Sep - 02 Oct 2025 **Location:** Online **Fees:** 1700 **Euro**

Course Description

This comprehensive 5-day VMware vSphere training course provides hands-on experience in installing, configuring, and managing VMware vSphere environments. Participants will learn to deploy and administer ESXi hosts, vCenter Server, and virtual machines. The course covers advanced topics such as resource management, high availability, and security, preparing attendees to optimize and scale virtual infrastructures.

Learning Objectives

- Install and configure ESXi hosts and vCenter Server
- Create, manage, and optimize virtual machines and vApps
- Implement and manage virtual networks and storage
- Configure vSphere HA, DRS, and Fault Tolerance for high availability
- Utilize vSphere security features and permissions
- Perform upgrades and patches in a vSphere environment

Course Modules

Day 1: Introduction and Installation

- vSphere architecture overview
- ESXi installation and configuration
- vCenter Server deployment and setup
- vSphere Client usage

Day 2: Virtual Machines and Networks

- Creating and managing virtual machines
- VM cloning and templating
- vSphere standard and distributed switches
- Network security policies

Day 3: Storage and Resource Management

- Configuring and managing vSphere storage
- Storage thin provisioning and multipathing
- Resource pools and vApps
- DRS cluster configuration and management

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Day 4: Availability and Scalability

- vSphere High Availability implementation
- Fault Tolerance setup and usage
- vSphere Replication for disaster recovery
- Host profiles and auto deploy

Day 5: Security and Maintenance

- vSphere security architecture
- Configuring ESXi and vCenter permissions
- Monitoring and performance optimization
- vSphere Update Manager for patching

Practical Wins for Participants

- Ability to design and implement a scalable virtual infrastructure
- Skills to troubleshoot and optimize vSphere environments
- Knowledge to enhance datacenter availability and security
- Expertise to automate routine tasks and improve operational efficiency

A graphic of a chessboard with several chess pieces. A large gold king piece is in the foreground, with a silver pawn and a silver knight behind it. In the background, there are concentric circles emanating from a point on the board.

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