



Consulting and Training | Reach New Heights

Course Name

VMware vSphere Advanced Professional Deploy

Sector Name

Information Technology

Document Type

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VMware vSphere Advanced Professional Deploy

Course Introduction

This training course is designed to provide participants with the essential concepts and principles in order to implement a vSphere 7.x solution, including deployment, administration, optimization, and troubleshooting.

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Target Audience

- ✓ Cloud Computing Engineer
- ✓ Computer Network Specialist
- ✓ Computer Support Specialist
- ✓ Database Administrator
- ✓ Information Technology Analyst
- ✓ Information Technology Leadership
- ✓ Information Security Specialist
- ✓ Software/Application Developer
- ✓ Web Developer
- ✓ Technology sales consultant

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Learning Objectives

- ✓ Effectively set up VMware vCenter Server® and single sign-on (SSO)
- ✓ Install, configure, and set up a clustering solution for VMware vSphere® High Availability (HA), VMware vSphere® Distributed Resource Scheduler™ (DRS), VMware vSAN™
- ✓ Manage advanced virtual machine configurations (per VM EVC, latency sensitivity)
- ✓ Troubleshoot resource issues, network and storage issues, vSphere® infrastructure issues, vSphere® 7.x clusters
- ✓ Set up networking and storage
- ✓ Set up log collection and VMware vCenter Server® backup
- ✓ Manage and remediate hosts and clusters
- ✓ Configure role-based access control (RBAC)
- ✓ Configure and manage advanced security options
- ✓ Implement VMware vSphere® virtual machine encryption (VM encryption)
- ✓ Configure and manage advanced host configurations

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Course Outline

✓ Day 01

Installing, Configuring, and Setup

- ✓ Set up VMware vCenter Server® and single sign-on (SSO)
- ✓ Deploy and configure VMware vCenter Server® and VMware ESXi™
- ✓ Configure identity sources
- ✓ Set up a clustering solution for VMware vSphere® High Availability (HA)
- ✓ Configure and manage High Availability options
- ✓ Set up a cluster solution for VMware vSphere® Distributed Resource Scheduler™ (DRS)
- ✓ Configure VMware vSphere® vMotion
- ✓ Configure scalable shares
- ✓ Set up a cluster solution for VMware vSAN™
- ✓ Set up a cluster solution for VMware vSAN™

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Course Outline

✓ Day 02

Performance-tuning, Optimization, and Upgrades

- ✓ Manage advanced virtual machine configurations (per VM EVC, latency sensitivity)
- ✓ Identify and implement vSphere® resource optimization opportunities

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VMware vSphere Advanced Professional Deploy

Course Outline

✓ Day 03

Performance-tuning, Optimization, and Upgrades

- ✓ Manage advanced virtual machine configurations (per VM EVC, latency sensitivity)
- ✓ Identify and implement vSphere® resource optimization opportunities

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Course Outline

✓ Day 04

Administrative and Operational Tasks

- ✓ Set up networking and storage
- ✓ Deploy and manage VMware vSphere® Standard Switch (vSS)
- ✓ Deploy and manage VMware vSphere® Distributed Switch (VDS)
- ✓ Configure and manage advanced storage configurations
- ✓ Set up log collection and VMware vCenter Server® backup
- ✓ Manage and review VMware vSphere® log files
- ✓ Configure VMware vCenter Server® file-based backup
- ✓ Configure and manage VMware vCenter Server® backup and restore options
- ✓ Configure VMware vCenter Server® profiles
- ✓ Manage and remediate hosts and clusters
- ✓ Configure and manage advanced cluster configurations (Quickstart, Admission Control)
- ✓ Create and manage host profiles (e.g., edit and apply host profiles)
- ✓ Manage and remediate clusters using vSphere® Lifecycle Manager™
- ✓ Configure and manage Lifecycle Manager™ components

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Course Outline

✓ Day 05

Work with content libraries

- ✓ Configure and manage a content library
- ✓ Update virtual machine templates in a content library
- ✓ Configure role-based access control (RBAC)
- ✓ Configure and manage advanced security options
- ✓ Configure the CPU scheduler for security options
- ✓ Implement VMware vSphere® virtual machine encryption (VM encryption)
- ✓ Configure and manage a Key Management solution
- ✓ Create an encrypted virtual machine
- ✓ Configure and manage advanced host configurations
- ✓ Configure the VMware Tools and vSphere® Client repository (productLocker).

Administrative and Operational Tasks

- ✓ Set up networking and storage
- ✓ Deploy and manage VMware vSphere® Standard Switch (vSS)
- ✓ Deploy and manage VMware vSphere® Distributed Switch (VDS)
- ✓ Configure and manage advanced storage configurations
- ✓ Set up log collection and VMware vCenter Server® backup
- ✓ Manage and review VMware vSphere® log files
- ✓ Configure VMware vCenter Server® file-based backup
- ✓ Configure and manage VMware vCenter Server® backup and restore options

- ✓ Configure VMware vCenter Server® profiles
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Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
Jan. 25, 2027	Jan. 29, 2027	5 days	4250.00 \$	UAE , Dubai
May 24, 2027	May 28, 2027	5 days	4250.00 \$	Austria , Vienna
Aug. 30, 2026	Sept. 3, 2026	5 days	4250.00 \$	Qatar , Doha
Dec. 14, 2026	Dec. 18, 2026	5 days	4250.00 \$	UAE , Dubai

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