

# VMWARE VSPHERE: INSTALL, CONFIGURE, MANAGE [V7]

Course Code: 100764

Learn installing, configuring, and managing VMware vSphere 7.

This five-day course features intensive hands-on training that focuses on installing, configuring, and managing VMware vSphere 7, which includes VMware ESXi 7 and VMware vCenter Server 7. This course prepares you to administer a vSphere infrastructure for an organization of any size.

This course is the foundation for most of the other VMware technologies in the software-defined data center.

## What You'll Learn

- Describe the software-defined data center (SDDC)
- Explain the vSphere components and their function in the infrastructure
- Install and configure VMware ESXi hosts
- Deploy and configure VMware vCenter Server Appliance
- Use VMware vSphere Client to manage the vCenter Server inventory and the vCenter Server configuration
- Manage, monitor, back up, and protect vCenter Server Appliance
- Create virtual networks with vSphere standard switches
- Describe the storage technologies supported by vSphere
- Configure virtual storage using iSCSI and NFS storage
- Create and manage VMware vSphere VMFS datastores
- Use the vSphere Client to create virtual machines, templates, clones, and snapshots
- Create a content library and deploy virtual machines from templates in the library
- Manage virtual machine resource use
- Migrate virtual machines with VMware vSphere vMotion and VMware vSphere Storage vMotion
- Create and manage a vSphere cluster that is enabled with VMware vSphere High Availability and VMware vSphere Distributed Resource Scheduler
- Discuss solutions for managing the vSphere life cycle
- Use VMware vSphere Update Manager to apply patches and perform upgrades to ESXi hosts and virtual machines

## Who Needs to Attend

System administrators, systems engineers, technicians who are responsible for server virtualization will benefit from this course.

Visit us at [www.globalknowledge.com](http://www.globalknowledge.com) or call us at 1-866-716-6688.

Date created: 6/22/2026 12:08:57 PM

Copyright © 2026 Global Knowledge Training LLC. All Rights Reserved.