VMware vSphere: What's New

Duration: 3 Days   Course Code: VMWN   Version: 7

Overview:

In this three-day, hands-on VMware What's New training course, you explore the new features and enhancements in VMware vCenter Server® 7 and VMware ESXi™ 7. Real-world use-case deployment scenarios, hands-on lab exercises, and lectures teach you the skills that you need to effectively implement and configure VMware vSphere® 7.

This course is recommended for customers who want to deploy vSphere 7 in their existing vSphere environment.

Product Alignment: ESXi 7vCenter Server 7

Target Audience:

System architectssystem administratorsIT managersVMware partnersIndividuals responsible for implementing and managing vSphere architectures

Objectives:

- By the end of the course, you should be able to meet the following objectives:

- List and describe the importance of key features and enhancements in vSphere 6.7 update releases and vSphere 7

- Determine the proper upgrade path for a vCenter Server instance and upgrade VMware vCenter® Server Appliance™ to version 7

- Migrate a Windows vCenter Server system to vCenter Server Appliance 7

- Manage and update VM templates located in content libraries

- Use Identity Federation to configure vCenter Server to use Microsoft ADFS

- Use the VMware vSphere® Client™ to manage certificates

- Describe vCenter Server, VMware ESXi™, storage, network, virtual machine, and security enhancements in vSphere 7

- Use VMware vSphere® Trust Authority™ to secure the infrastructure for encrypted VMs

- Demonstrate the Quickstart feature of the ESXi cluster

- Recognize improvements to VMware vSphere® Distributed Resource Scheduler™

- Use vSphere Lifecycle Manager to manage vSphere deployments, updates, and configurations

- Discuss the purpose and capabilities of VMware vSphere® with Kubernetes and how it fits into the VMware Tanzu™ portfolio

Prerequisites:

This course requires completion of one the following courses or equivalent knowledge and administration experience with ESXi and vCenter Server:

- VMware vSphere: Install, Configure, Manage - VSICM
- VMware vSphere: Optimize and Scale - VSOS
- VMware vSphere: Fast Track - VSFT
- VMware vSphere: Troubleshooting - VST

The course material presumes that you can perform the following tasks with no assistance or guidance before enrolling in this course:

- Install and configure ESXi
- Install vCenter Server

- Create vCenter Server objects, such as data centers and folders
- Create and manage vCenter Server roles and permissions
- Create and modify a standard switch
- Create and modify a distributed switch
- Connect an ESXi host to NAS, iSCSI, or Fibre Channel storage
- Create a VMFS datastore
- Use a content library template to create a virtual machine
- Modify a virtual machine's hardware
- Migrate a virtual machine with VMware vSphere® vMotion® and VMware vSphere® Storage vMotion®
- Configure and manage a vSphere DRS cluster
- Configure and manage a VMware vSphere® High Availability cluster
- Use VMware vSphere® Update Manager™ to apply patches and perform upgrades to ESXi hosts and VMs

If you cannot complete these tasks, we recommend you instead to take the 'VMware vSphere: Install, Configure, Manage [V7]' - VSICM course

- VSFT - VMware vSphere: Fast Track
- VSICM - VMware vSphere: Install, Configure, Manage

Follow-on-Courses:
- VSD - VMware vSphere: Design Workshop
- VST - VMware vSphere: Troubleshooting Workshop

Further Information:

For More information, or to book your course, please call us on 0800/84.009

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