

VMware vSphere: Install, Configure, Manage

Description

VMware vSphere Install, Configure and Manage (ICM) is a training on installing, configuring, and managing vSphere, VMware's virtualization platform. This course provides the basics of virtual machine management and datacenter virtualization using the vSphere platform.

vSphere is a virtualization platform known for its capabilities such as virtual machine creation, managing network and storage resources, load balancing, backup, and high availability. vSphere ICM training enables you to learn the key features and capabilities of this platform.

Delegates will learn

- VMware vSphere architecture and terminology
- vCenter Server Appliance management
- Creation and configuration of virtual machines
- Management of network and storage resources
- Backup and recovery operations
- Virtualization security and access control
- Load balancing and high availability considerations
- vSphere tools and management interfaces

Outline

Software-defined data center concept

vSphere components and their functionality in the infrastructure

Use of vSphere Client to manage vCenter Server inventory and configuration

Management, monitoring, backup, and protection of vCenter Server Appliance

Create virtual networks with vSphere Standard Switches

Learning the storage technologies supported by vSphere

Configure virtual storage using iSCSI and NFS storage

Create VMs, templates, clones, and snapshots with vSphere Client

Create a content library and set up a virtual machine from templates in the content library

Manage virtual machine resource usages

Move virtual machines with vSphere vMotion and vSphere Storage vMotion

Create and manage vSphere High Availability and vSphere DRS-enabled clusters

Solutions for managing the vSphere life cycle

Update ESXi hosts and virtual machines with Lifecycle Manager

Prerequisites

System administration experience on Microsoft Windows or Linux operating systems.