

VMware vSphere 5.0 Administration



Duration: 30 Hours

Pre Requisite: Basic Knowledge of Windows OS

Training Type: In-Class

Getting into Virtualization

- Introduction to Virtualization
- Introduction to VMKernel
- Types of Virtualization
- Software and Hardware Virtualization
- Desktop and Network Virtualization
- Introduction to Cloud Technology
- Use of Virtualization
- Vendors of Virtualization
- Comparing VMware vSphere with other Vendors

Planning and Installing VMware ESX Server

- ESX vs. ESXi Server
- Hardware Requirement for ESX Server
- Comparing Various Edition of ESX
- Installing VMware ESX Server 4.1 and 5.0
- VMware Management Options
- Configuring Client to Access ESX Server
- Installing VIClient
- Visit to ESX Server through VIClient
- Installing and Using Virtual Center
- Features of Virtual Center
- Navigating through Virtual Center

Virtual Guest Machine Management

- Concept of Guest Virtual Machine
- Installing Guest OS
- Changing BIOS Settings
- Installing Windows Xp Guest
- Installing Linux Guest Machine
- Methods to Access Virtual Machine
- Adding and Removing Hardware in VM
- Installing VMware Tools
- Backing up Virtual Machine using VMware Converter
- Backup Using Oracle Consolidated Backup

ESX Server Management

- ESX Task, Events, Alarms and Maps
- Managing Disk Storage
- Understanding Fiber Optic SAN Storage
- VMware Disk Utility Manager
- Uploading and Downloading Files to Disk
- VMware Virtual Networking
- Using Template, Cloning and Migration
- VMware Update Manager
- VMotion, DRS, Resource Pool and VMHA
- Storage VMotion
- Upgrading ESX Server
- Upgrading V Center Server
- Upgrading ESX Server

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