

VMware vSphere: Transition to ESXi

Overview

This hands-on training course covers the requirements and effects of transitioning your VMware vSphere™ environment to VMware® ESXi. It provides the knowledge and skills necessary to make fundamental design decisions and successfully add ESXi to a deployed vSphere environment. This course is based on ESXi 4.0.

Course Objectives

At the end of the course, you should be able to:

- Analyze ESXi and its benefits for your environment
- Identify ESXi installation and configuration procedures
- Use scripted installations for large-scale ESXi deployments
- Employ scripting interfaces to manage ESXi
- Identify risks when migrating to ESXi

Target Audience

System administrators, systems engineers, technical support engineers, and consultants responsible for managing and supporting a vSphere installation

Prerequisites

Completion of the VMware vSphere 4: Install, Configure, Manage course or the VMware vSphere 4: What's New course or have experience using VMware ESX™/ESXi and VMware vCenter™ products

Pricing and Scope

- Two (2) days of instructor-led, classroom training
- 60% lecture, 40% hands-on lab
- Individual enrollment available at convenient locations worldwide
<http://www.vmware.com/education>
- Contact your VMware representative for pricing information.
- Onsite training available for companies that want the benefits of instructor-led classes without travel
- Contact VMware Education to discuss facility requirements for onsite training at education@vmware.com.

Course Outline

Module 1: Course Introduction

Module 2: Working with VMware ESXi

- Identify differences between ESX and ESXi
- Recognize tasks and procedures when moving to ESXi

Module 3: Installing and Configuring VMware ESXi

- Analyze ESXi Installable and ESXi Embedded
- Install and configure ESXi Installable and ESXi Embedded
- Recognize the steps for upgrading to ESXi

Module 4: Performing Management Tasks

- Identify hardware monitoring techniques
- Discuss system management and backup methodology
- Distinguish the log files
- Recognize security methodologies
- Employ file management practices
- Perform basic troubleshooting with the direct console user interface

Module 5: Using Scripting Interfaces

- Identify the scripting interfaces for ESXi
- Discuss primary scripting interfaces
- Install VMware vSphere Management Assistant
- Identify differences between commands used with ESX and those used with ESXi
- Recognize custom commands and how to substitute VMware vSphere Command-Line Interface commands or vSphere PowerCLI cmdlets for them

Module 6: Large-Scale Deployment of VMware ESXi

- Identify scripted installation programs for ESXi
- Analyze the commands to perform scripted installation
- Discuss best practices for large-scale deployment



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