

VMware Infrastructure 3: Deploy, Secure, and Analyze

Overview

This hands-on training course, aimed at experienced VMware Infrastructure administrators, has been updated to reflect ESX Server 3.5 and VirtualCenter 2.5. It focuses on ESX Server 3.5 rather than ESX Server 3i. On completion of this course, you can take the examination to become a VMware Certified Professional. This course is a continuation of the VMware Infrastructure 3: Install and Configure course.

Course Objectives

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

- Perform scripted installations
- Administer an ESX server using commands
- Configure Virtual Infrastructure security
- Monitor Virtual Infrastructure
- Configure and implement VMware High Availability (HA), Distributed Resource Scheduler (DRS), Consolidated Backup, and Update Manager
- Perform fault analysis on Virtual Infrastructure components

Target Audience

Systems administrators and systems integrators experienced with Virtual Infrastructure 3 who are responsible for scaling their organization's deployment of VMware technology.

Prerequisites

Required

- Achievement of a passing score on a short, online pretest
- Comfort with fundamental Linux commands (such as ls and cp) and a Linux text editor

Recommended

- Completion of **VMware Infrastructure 3: Install and Configure** or equivalent experience with VMware Infrastructure 3

Course Outline

Storage Administration

- Manage Virtual Machine File Systems (VMFS) datastores
- Introducing Storage VMotion

Network Administration

- Configure and secure virtual networking
- Configure software iSCSI adapter
- Manage service console firewall

DRS Configuration and Performance Monitoring

- Analyze and interpret performance using esxtop and graphical tools
- Create and manage DRS-enabled clusters

Business Continuity and Data Protection

- Configure advanced features of VMware HA cluster
- Perform backups and restoration of virtual machines using VMware Consolidated Backup

Operational Maintenance

- Configure and apply updates using VMware Update Manager

Modify Logging Behavior

- Configure VirtualCenter and ESX Server logging
- Consolidate and rotate log files

Service Console Security

- Configure SSH and TCP wrappers

Rapid Deployment of ESX Servers

- Perform automated installation of ESX Servers for mass deployments

Pricing and Scope

- 4 days of instructor-led, classroom training
- 50% lecture and 50% hands-on lab
- Individual enrollment is available at convenient locations worldwide at www.vmware.com/education.
- Contact your VMware representative for pricing information.
- Onsite training is available for companies that want the benefits of instructor-led classes without travel. Contact VMware Education to discuss facility requirements for onsite training.

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