
VMware Infrastructure 3: Fast Track Program v3.5

Duration: 5 Days **Course Code: VMFT**

Overview:

This intensive, extended-hours training course covers the installation, management, and use of ESX Server, VirtualCenter, VMware DRS, VMware HA, and VMware Consolidated Backup. It subsumes the content from the VMware Infrastructure 3: Install & Configure and VMware Infrastructure 3: Deploy, Secure, and Analyze training courses. Upon completion of this course, you can take the examination to become a VMware Certified Professional

Target Audience:

This class is designed for experienced system administrators and system integrators who are responsible for scaling their organization's deployment of VMware technology. This fast-track program is most suited for those willing to work hard to achieve superior VI skills with minimal time out of the office.

Objectives:

- At the end of this course delegates will be able to;
 - Perform manual and scripted ESX Server installations
 - Install, configure, migrate, manage, and monitor virtual machines using ESX Server and VirtualCenter
 - Learn specific commands used to administer an ESX Server
 - Understand and configure security on the Service Console
 - Configure and implement VMware HA, DRS and VCB
 - Perform fault analysis in Virtual Infrastructure
-

Prerequisites:

As this is a Fast Track course, students must show willingness to participate in a demanding, high-intensity training experience, be comfortable with fundamental Linux commands (such as ls and cp) and a Linux text editor.

Testing and Certification:

Recommended as preparation for:

- VMware Certified Professional.
-

Content:

Virtual Infrastructure Overview

- VMware products: functions and applications

ESX Server Installation

- Set-up of ESX Server
- Perform a scripted installation of ESX Server

Networking

- Configuration of virtual switches, network connections and port groups through GUI interfaces and CLI

Storage

- Storage management technologies
- iSCSI storage access

VirtualCenter Installation

- Configure VirtualCentre

VM Creation and Management

- Use of templates
- Manage using VMware VirtualCenter and Web Access

Virtual Machine Access Control

- Controlling administrator rights

VMResource Management

- VMotion migrations
- Set VM priorities for core resources
- Create DRS enabled clusters
- Manage resource pools

VM Resource Monitoring

- Interpret performance graphs

Data Protection

- Secure physical infrastructure
- Secure access to storage and networks

High Availability

- Perform backups using VMware Consolidated Backup
- Enable a VMware HA cluster

Service Console Security

- Identify how virtual infrastructure migrates common security vulnerabilities
- Manage user and host access and privileges
- Manage Service Console firewall

Troubleshooting and Fault Analysis

- Systematic isolation of problems
- Common symptoms, faults, fixes
- Resolve problems VMware Virtual Infrastructure 3

Further Information:

For More information, or to book your course, please call us on 353-1-814 8200

info@globalknowledge.ie

www.globalknowledge.ie

Global Knowledge, 3rd Floor Jervis House, Millennium Walkway, Dublin 1