

VM – FT4 VMware vSphere: Fast Track

Summary

Duration	Vendor	Category
5 Days	VMware	Virtualization

Introduction

This intensive, extended-hours training course focuses on installing, configuring, managing, and troubleshooting VMware® vSphere™. It combines the content of the VMware vSphere 4: Install, Configure, Manage course with advanced tasks and skills for configuring a highly available and scalable virtual infrastructure. Upon completing this course, you can take the examination to qualify as a VMware Certified Professional.

Prerequisites

- Willingness to participate in a demanding, high-intensity training experience
- Comfort with system administration using command-line interfaces

Course Objectives

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

- Install and configure VMware ESX™/ESXi, vCenter™ Server, and the vSphere Management Assistant
- Configure, manage, and troubleshoot ESX/ESXi networking and storage
- Create, configure, migrate, manage, convert, and monitor virtual machines and virtual appliances
- Scale the vSphere virtual infrastructure
- Implement business continuity solutions
- Manage changes to the vSphere environment

Course Outline

Module 1: Course Introduction

Module 2: Introduction to VMware Virtualization

Discuss virtualization and vSphere components

Module 3: Configuring VMware ESX/ESXi

Configure ESX/ESXi settings and view system logs

Module 4: Installing and Using VMware vCenter Server

Install and configure vCenter Server and vSphere Management Assistant

Manage vCenter Server inventory hierarchies

Module 5: Networking

Configure and troubleshoot vNetwork components

Module 6: Storage

Review storage management technologies
Analyze and troubleshoot storage-related issues

Module 7: Virtual Machines

Deploy virtual machines using templates, VMware vCenter Converter, and Guided Consolidation

Modify and manage virtual machines

Module 8: Access Control

Control user access through roles and permissions

Module 9: Resource Monitoring

Assess workloads and monitor resources through the GUI interfaces and CLI

Module 10: Scalability

Scale resource management

Manage multiple vCenter Server inventories

Perform VMware VMotion™ migrations

Configure clusters for VMware Distributed Resource Scheduler and VMware Distributed Power Management

Module 11: High Availability and Data Protection

Review business continuity products and features

Follow best practices to configure VMware High Availability clusters and VMware Fault Tolerance

Install and configure VMware vCenter Server Heartbeat

Deploy VMware Data Recovery to back up virtual machines

Associated Certifications & Exams

On successful completion of this course students will receive a Torque IT attendance certificate.