

Fast Track 3.5

This course is aimed to be an intensive introduction to the VMware Virtual Infrastructure suite. It consists of the 4 day I & C course, and the DSA course, condensed into a five day course. Whilst no previous knowledge of VMware products is needed, the course gives those with IT experience all they need to implement the technology and configure it well, going on to creating VM's and understanding resource usage. Drawing on content from the DSA course, additional functionality and command line usage compliments the security and hands on focus. Delegates attending this course can sit the exam and become a VMware Certified Professional (VCP).

Course Objectives

- At the end of the course, you should have an understanding of the functionality in VMware Infrastructure 3 and be able to:
 - Install ESX Server
 - Manual and scripted installs
 - Understand security of the COS
 - Manage Virtual Machines
 - Create, configure, migrate, manage and monitor
 - Implement :
 - Clustering
 - Distributed Resource Scheduler
 - High Availability
 - VMware Consolidated Backup
 - Understand and use:
 - Update Manager
 - VMware Converter
 - Consolidation Manager
 - Use & syntax of command line

Mod 2: ESX Server Installation

- Perform an interactive ESX server installation

Mod 3: Networking

- Configure virtual switches, network connections and port groups through the GUI interfaces and CLI
- Identify how virtual infrastructure mitigates common security vulnerabilities
- Manage the service console firewall

Mod 4: Storage

- Survey storage management technologies

- Configure iSCSI storage access
- Secure access to storage and networks
- Analyze and troubleshoot a storage related issue

Mod 5: Virtual Centre

- Virtual Centre Install & Config

Mod 6: VM Creation and Management

- Use of VM templates
- Manage using VirtualCentre

Mod 7: VM Access Control

- Control administrator rights

Mod 8: Resource Management

- Migrate VMs using VMotion
- Set VM priorities for core resources
- Create DRS enabled clusters
- Manage resource pools

Mod 9: Resource Monitoring

- Interpret performance graphs

Mod 10 & 11: HA & Data Protection

- Create a HA cluster
- Perform backups using VCB

Mod 12: Update Manager

- Patch VM's and templates

Mod 13: Service Console Logging

- Configure ESX Server logging behaviour
- Identify ESX Server and VC Server log files
- Manage user and host access and privileges
- Use of tools in security

Mod 15: Scripted Install

- Perform a scripted install of ESX

Who should attend?

The course is designed for those who have experience in IT, and want a quick but deep introduction to VMware technologies. The course is suitable for those new to VMware as well as those who have some hands on experience.

Once completed there are additional courses focusing on additional VMware products: Site Recovery Manager, Capacity Planner and VDM.

Length: 5 days
50% lecture
50% hands-on lab

Delegates should be prepared for an intensive course with extend hours, 9am to 5:30.

For course enquiries or competitive prices ring :

01344 401641

