

## VI3 : Deploy, Secure & Analyse 3.5

This course is aimed as a follow on to the Install and Configure course.

The course assumes a strong knowledge of VI3, and delves deep into command line usage in the Service Console, as well as giving delegates hands on experience of additional functionality such as VCB, Update Manager, etc.

Attending this course allows the delegate to go on and sit the exam to becoming a VMware Certified Professional (VCP).

### Course Objectives

At the end of the course, you should gain a deeper knowledge and understanding of the functionality in VMware Infrastructure 3 and be able to:

- Install ESX Server by scripts
- Admin ESX using command line tools
- Configure VirtualCentre security
- Monitor the Virtual Infrastructure
- Configure and Implement addition functionality such as:
  - Storage VMotion
  - DRS
  - HA
  - VCB
  - Update Manager
- Perform fault analysis

Best practices and labs exercises are interspersed throughout the course

### Key Topics

#### Storage Administration

Manage VMFS datastores  
Storage VMotion

#### Network Administration

Configure and secure virtual networking  
Configure software iSCSI adapter  
Manage Service Console firewall

#### DRS Configuration

Create and manage DRS-enabled clusters

#### Performance Monitoring

Analyse and interpret performance using ESX graphical tools

#### Business Continuity

Configure advanced features of HA clusters.

#### Data Protection

Perform backups and restores of VM's using VCB.

#### Operational maintenance

Configure and apply updates using Update Manager

#### Logging

Configure VirtualCentre and ESX server logging

Consolidate and rotate log files

#### Service Console Security

Configure SSH

Configure TCP wrappers  
sudo

#### Rapid Deployment of ESX

Perform automated installation of ESX servers for mass deployments

Using scripts to setup and configure networking, storage, etc.

### Who should attend?

The course is designed for those who have significant experience in VMware and do not want to sit the I&C course, or those who have already attended and I & C course.

For those delegates who have not been on an I & C course, there is a pre-requisite test which VMware ask you to go through to ensure you have the knowledge to benefit from the course.

Length: 4 days  
50% lecture  
50% hands-on lab

Delegates should have demonstrable knowledge of VI3, and preferably already have VCP.

For course enquiries or competitive prices ring:

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