

## Virtual Infrastructure for Operators

**Duration: 2 Days**    **Course Code: VMIO3**

### Overview:

This hands-on training course provides a operations-level introduction to VMware virtual infrastructure, an architecture consisting of VMware® ESX Server™, virtual infrastructure software for consolidating and partitioning servers in high performance environments and VMware VirtualCenter, virtual infrastructure management software.

### Target Audience:

This course is designed for system administrators and operators who are responsible for the day-to-day administration and management of a VMware virtual infrastructure.

### Objectives:

- Install and configure a virtual infrastructure node
- Perform cold and hot migration of VMware virtual machines
- Configure and create VMware virtual machines
- Monitor system resources and optimize virtual machine performance
- Deploy virtual machines from standardized templates
- Create tasks and alarms in VMware VirtualCenter

### Prerequisites:

- System administration experience on Microsoft Windows (2003, XP, 2000 or NT 4.0) or Linux

### Testing and Certification:

- No examination follows this course

### Content:

Course Introduction

Module 1: Virtual Infrastructure Overview

- VMware products: functions and applications

Module 2: Installation and Configuration

- Set-up of ESX Server and VMware VirtualCenter

Module 3: Introduction to VMware Virtual Machines

- Virtual Machine architecture and components

Module 4: Deployment and Migration

- Cloning, use of templates, hot and cold migrations

Module 5: Resource Management

- Optimizing performance across multiple virtual machines

Module 6: Virtual Machine Administration

- Monitoring, creating tasks and setting alarms

#### Key Topics

- Administration and operations
- Virtual machine deployment
- Installation and configuration
- Virtual Infrastructure architecture
- VMotion™
- Resource Management

## Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 01924 377489

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