



vSphere Manage Availability

Duration: 1 Day Course Code: VSMA

Overview:

This hands-on training course equips system administrators with the knowledge, skills, and abilities to achieve competence in building and running a highly available VMware® vSphere™ 4 virtual infrastructure.

Target Audience:

System administrators, systems engineers, and solutions architects who need the knowledge, skills, and abilities to ensure the availability of their existing vSphere deployments

Objectives:

- List the components of business continuity
- Describe Microsoft Windows 2003 and 2008 cluster configurations
- Configure a VMware High Availability (HA) cluster using nondefault options
- Deploy fault-tolerant virtual machines using VMware Fault Tolerance (FT)
- Deploy VMware vCenter™ Server Heartbeat

Prerequisites:

- Completion of the VMware vSphere 4: Install, Configure, Manage course or the VMware vSphere 4: What's New course, or have prior experience using VMware ESX™/ESXi and vCenter products

Content:

Module 1: Course Introduction

Module 2: Business Continuity

- Overview of vSphere features for high availability, fault tolerance, data protection, and disaster recovery

Module 3: Virtual Machine Clustering

- vSphere general requirements for Microsoft failover clusters
- Overview of the supported Microsoft failover cluster configurations

Module 4: VMware High Availability Clusters

- VMware HA advanced parameters affecting slot size
- Deploying different admission control policies
- Configuring redundant heartbeat networks and isolation test addresses

Module 5: VMware Fault Tolerance

- Overview of FT prerequisites and FT operation
- FT best practices
- Configuring, monitoring, and testing a fault-tolerant virtual machine

Module 6: VMware vCenter Server Heartbeat

- Overview of vCenter Server Heartbeat operation
- Installing and configuring vCenter Server Heartbeat
- Failover and switchover with vCenter Server Heartbeat
- Monitoring vCenter Server Heartbeat

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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