Microsoft Jump Start: Virtualization for VMware Professionals

Duration: 3 Days       Course Code: M50556

Overview:
Discover VMware terminology and technology as it relates to Microsoft. In this lecture-only course, you will gain an understanding of Microsoft’s approach to virtualization and the options and advantages organizations have by taking this approach. You will be introduced to VMware terminology and technology as it relates to Microsoft, and you will walk through common Microsoft server virtualization tasks. You will also learn about using Microsoft System Center to manage a heterogeneous environment.

Target Audience:
Data Center managers, IT professionals, IT decision makers, network administrators, storage/infrastructure administrators, and architects.

Objectives:
- Microsoft's approach to virtualization
- Importance of automatic disaster recovery
- How Microsoft's feature set compares to VMware
- How System Center Operations Manager (SCOM) and System Center Configuration Manager (SCCM) can easily deploy, manage, and maintain your datacenter
- Hyper-V architecture, management, networking, and storage
- Deployment strategies for App-V

Prerequisites:
- Basic understanding of virtualization technologies
- Basic Windows Server 2008 R2 skills

Follow-on-Courses:
- Microsoft Cloud Enterprise Solutions (M50374)
- Implementing and Managing Microsoft Server Virtualization (M10215)
## Content:

1. Virtualization
   - Vision
   - Options
   - Advantages of Microsoft Solutions

2. Differentiate Microsoft and VMware
   - Technology and Terminology
   - Hyper-V Editions and Comparisons
   - Feature Differentiation
   - Independent Studies and Resources

3. Hyper-V Deployment Options and Architecture
   - Virtualization and Datacenter Planning
   - Hyper-V
   - Hyper-V Management
   - Hyper-V Networking and Storage
   - Hyper-V Features

4. High Availability and Clustering
   - High Availability=
   - Software and Hardware Requirements
   - Cluster Deployment
   - Hyper-V High Availability
   - Disaster Recovery

5. System Center 2012 Suite with Focus on DPM
   - System Center Suite
   - SCOM
   - SCCM
   - System Center Data Protection Manager

6. Automation with System Center Opalis and PowerShell
   - System Center Service Manager
   - PowerShell
   - System Center Opalis

7. Virtualization Machine Manager (VMM) 2012
   - VMM 2012 Basics
   - The Fabric
   - The Library
   - Services and Service Templates

8. Private Cloud Solutions, Architecture, and VMM SSP 2.0
   - Private Cloud Fundamentals
   - SCVMM 2012 Private Cloud
   - SCVMM Self-Service Portal 2.0

9. Virtual Desktop Infrastructure (VDI) Architecture
   - VDI Architecture
   - Your Options
   - Planning

10. v-Alliance Solution
    - Microsoft and Citrix Partnership
    - User State and Application Virtualization
    - Server Hosted Session Desktops

11. Application Delivery for VDI Agenda
    - Application Virtualization
    - Microsoft User State Virtualization
    - Choosing Your Delivery Strategy

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## Further Information:

For more information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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