

Course 10215 Implementing and Managing Microsoft Server Virtualization

Module 1: Evaluating and Planning for Virtualization

- ✓ Overview of Microsoft Virtualization
- ✓ Overview of Microsoft Virtualization
- ✓ Evaluating the Current Environment for Virtualization
- ✓ Evaluating the Current Environment for Virtualization

Module 2: Installing and Configuring the Hyper-V Server Role

- ✓ Installing the Hyper-V Server Role
- ✓ Configuring Hyper-V Settings and Virtual Networks

Module 3: Creating and Configuring Virtual Hard Disks and Virtual Machines

- ✓ Creating and Configuring Virtual Hard Disks
- ✓ Creating and Configuring Virtual Machines
- ✓ Managing Virtual Machine Snapshots
- ✓ Working with the Virtual Machine Connection Application

Module 4: Integrating System Center Virtual Machine Manager with Microsoft Hyper-V Server 2008 R2

- ✓ Planning for Integration of System Center Virtual Machine Manager
- ✓ Installing the VMM Server and Administrator Console
- ✓ Managing Hosts and Host Groups

Module 5: Creating and Deploying Virtual Machines Using System Center Virtual Machine Manager 2008 R2

- ✓ Creating a New Virtual Machine Using VMM 2008 R2
- ✓ Converting a Physical Server to a Virtual Machine
- ✓ Converting and Migrating Virtual Machines

Module 6: Managing Virtual Machines Using Virtual Machine Manager 2008

- ✓ Overview of VMM Management Tasks
- Creating and Managing Checkpoints

Module 7: Configuring and Managing the VMM Library

- ✓ Overview of the VMM Library
- ✓ Managing Profiles and Templates
- ✓ Designing Fault Tolerance for the VMM Library

Module 8: Configuring User Roles and the Virtual Machine Manager Self-Service Portal

- ✓ Configuring User Roles
- ✓ Installing and Configuring the VMM Self-Service Portal

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Module 9: Implementing High Availability for Server Virtualization

- ✓ Overview of Failover Clustering
- ✓ Implementing Failover Clustering with Hyper-V
- ✓ Implementing High Availability with VMM 2008 R2

Module 10: Maintaining Software Updates Using the Offline Virtual Machine Servicing Tool

- ✓ Overview of the Offline Virtual Machine Servicing Tool
- ✓ Configuring WSUS and the Offline Virtual Machine Servicing Tool

Module 11: Monitoring and Reporting Virtualization

- ✓ Monitoring Jobs in VMM 2008 R2
- ✓ Integrating System Center Operations Manager with VMM 2008 R2
- ✓ Configuring Performance and Resource Optimization

Module 12: Backup and Restore Strategies for Virtual Machines

- ✓ Overview of Backup and Restore Options for Virtual Machines and the VMM Database
- ✓ Implementing Data Protection Manager for Backing Up the VMM Infrastructure

Module 13: Desktop Virtualization Using Remote Desktop Services

- ✓ Overview of Remote Desktop Services
- ✓ Implementing the Remote Desktop Session Host
- ✓ Implementing Remote Desktop Connection Broker
- ✓ Implementing the Remote Desktop Connection Virtualization Host

Module 14: Extending Remote Desktop Services Outside the Organization

- ✓ Configuring the Remote Desktop Gateway
- ✓ Configuring Remote Desktop Web Access