



Course 10981A

Infrastructure Provisioning with System Center Virtual Machine Manager

Course Length : 40 Hours
Professional Series : 5 Days
Academic Series : 6 Weeks

Module 1: Overview of Hyper-V and Virtual Machine Manager

- Overview of Hyper-V
- Overview of Virtual Machine Manager

Module 2: Configuring High Availability for Virtual Machine Manager and Hyper-V

- Clustering requirements for Virtual Machine Manager
- Configuring SQL AlwaysOn for the Virtual Machine Manager Database
- Hyper-V Host Clustering

Module 3: Updating Virtual Machine Manager and Fabric Servers

- Understanding the Servicing Order for System Center
- Performing the manual update process in Virtual Machine Manager
- Patching the Virtual Machine Manager Fabric with Windows Server Update Services

Module 4: Configuring Networking in Virtual Machine Manager

- Overview of Networking in Virtual Machine Manager
- Logical Networks
- Uplink and Virtual Port Profiles
- Logical Switches
- Virtual Machine Networks
- Software Defined Networking (optional)

Module 5: Configuring Storage in Virtual Machine Manager

- Storage options available in Hyper-V and Virtual Machine Manager
- Understanding Storage in Virtual Machine Manager
- What Storage will be managed?
- Configuring and Managing Storage in Virtual Machine Manager

Module 6: Managing Clouds in Virtual Machine Manager

- Introduction to Clouds
- Creating and Managing a Private Cloud in Virtual Machine Manager
- Working with User Roles in Virtual Machine Manager

Module 7: Configuring and Managing the Virtual Machine Manager Library and Library Objects

- Overview of the Virtual Machine Manager Library
- Managing Libraries

Module 8: Preparing the Windows Operating System for deployment in Virtual Machine Manager

- Preparing a Windows Operating System
- Virtual Machine Architecture
- Preparations required for Bare Metal deployments of Hyper-V and Scale-out File Servers

Module 9: Virtual Machine and Service Templates

- Overview of Virtual Machine Templates
- Overview of Service Template Templates

Module 10: System Center Integration

- Monitoring the Virtual Machine Manager environment with Operations Manager
- Automation with Orchestrator

Module 11: Windows Azure Pack

- Overview of Windows Azure Pack
- Deploying Windows Azure Pack
- Configuring Windows Azure Pack
- Windows Azure Pack Tenant Experience

Module 12: Azure Site Recovery

- Overview of Azure Site Recovery
- Configuring and using Azure Site Recovery

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