MOC20247

Configuring and Deploying a Private Cloud with System Center 2012

MODULE 1: PLANNING FOR THE CLOUD

- ✓ Understanding Cloud Models
- ✓ Benefits of Deploying a Private Cloud
- ✓ Designing a Private Cloud Infrastructure
- ✓ Overview of Windows Server 2012 R2 Hyper-V
- ✓ Overview of System Center 2012 R2 components
- ✓ Deploying Hyper-V Clustering with VMM

MODULE 2: CONFIGURING AND DEPLOYING THE PRIVATE CLOUD WITH MICROSOFT SYSTEM CENTER 2012 R2 VIRTUAL MACHINE MANAGER

- ✓ Overview of VMM Architecture and Components
- ✓ Configuring Advanced Networking in VMM
- ✓ Installing and Upgrading VMM
- ✓ Configuring VMM Security and Roles
- ✓ Understanding Host Groups

MODULE 3: EXTENDING AND MAINTAINING THE CLOUD INFRASTRUCTURE

- ✓ Overview of the PXE and Update Server Roles
- ✓ Deploying Bare-Metal Hyper-V Host Servers
- ✓ Configuring the Update Server Role
- ✓ Creating and Using an Update Baseline

MODULE 4: CONFIGURING APPLICATION DELIVERY

- ✓ Dynamic Application Deployment Overview
- ✓ Web Deployment Packages
- ✓ Server Application Virtualization Overview
- ✓ Configuring Server App-V Components
- ✓ Sequencing and Deploying Virtual Applications

MODULE 5: CREATING THE PRIVATE CLOUD BUILDING BLOCKS

- ✓ Configuring Templates and Profiles
- ✓ Configuring Networks and Sites
- ✓ Configuring Service Provider Foundation
- ✓ Configuring User Roles

MODULE 6: DEPLOYING AND CONFIGURING ACCESS TO A PRIVATE CLOUD

- ✓
- ✓ Understanding Private Cloud Resources

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- ✓ Installing and Configuring App Controller
- ✓ Creating and Managing Service Templates

MODULE 7: MONITORING A CLOUD INFRASTRUCTURE

- ✓ Operations Manager Architecture and Security
- ✓ Operations Manager Installation Considerations
- ✓ Configuring Roles and Notifications
- ✓ Configuring Management Packs
- ✓ Configuring Integration with System Center 2012 R2

MODULE 8: EXTENDING AND CUSTOMIZING MONITORING OF THE CLOUD INFRASTRUCTURE

- ✓ Configuring System Center Advisor
- ✓ Configuring the SharePoint Server Portal
- ✓ Monitoring Templates
- ✓ Distributed Application Monitoring

MODULE 9: IMPLEMENTING SERVICE MANAGEMENT FOR THE CLOUD

- ✓ Service Manager Architecture Overview
- ✓ Upgrading to System Center 2012 R2 Service Manager
- ✓ Understanding Service Manager Work Items
- ✓ Configuring Service Manager Connectors
- ✓ Configuring Service Manager Notifications

MODULE 10: CONFIGURING HIGH AVAILABILITY, DISASTER RECOVERY AND PROTECTION FOR A CLOUD

- ✓ Planning for Hyper-V Recovery Manager
- ✓ Planning DPM deployment
- ✓ DPM Architecture and Components
- ✓ Upgrading DPM
- ✓ Configuring DPM for a Private Cloud
- ✓ Configuring Application Protection for a Cloud
- ✓ Restoring Applications to a Cloud

MODULE 11: AUTOMATING AND STANDARDIZING A CLOUD

- ✓ Orchestrator Architecture and Components Overview
- ✓ Deploying and Configuring Core Components
- ✓ Managing Runbooks
- ✓ Configuring Integration Packs

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MODULE 12: CONFIGURING A SELF-SERVICE AND MULTI-TENANT PRIVATE CLOUD

- ✓ Implementing the Cloud Services Process Pack
- ✓ Configuring the Windows Azure Pack

Sono previste esercitazioni pratiche su tutti gli argomenti trattati.

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