OD20411D: Administering Windows Server 2012 R2 MOD

Course Details

Course Outline

1. **Configuring and Troubleshooting Domain Name System**
   - Configuring the DNS Server Role
   - Configuring DNS Zones
   - Configuring DNS Zone Transfers
   - Managing and Troubleshooting DNS
   - Lab : Configuring and Troubleshooting DNS

2. **Maintaining Active Directory Domain Services**
   - Overview of AD DS
   - Implementing Virtualized Domain Controllers
   - Implementing RODCs
   - Administering AD DS
   - Managing the AD DS Database
   - Lab : Maintaining AD DS

3. **Managing User and Service Accounts**
   - Configuring Password Policy and User Account Lockout Settings
   - Configuring Managed Service Accounts
   - Lab : Managing User and Service Accounts

4. **Implementing a Group Policy Infrastructure**
   - Introducing Group Policy
   - Implementing and Administering GPOs
   - Group Policy Scope and Group Policy Processing
   - Troubleshooting the Application of GPOs
   - Lab : Implementing a Group Policy Infrastructure

5. **Managing User Desktops with Group Policy**
   - Implementing Administrative Templates
   - Configuring Folder Redirection and Scripts
   - Configuring Group Policy Preferences
   - Managing Software with Group Policy
   - Lab : Managing User Desktops with Group Policy

6. **Installing, Configuring, and Troubleshooting the Network Policy Server Role**

   - Installing and Configuring a Network Policy Server
   - Configuring RADIUS Clients and Servers
   - NPS Authentication Methods
   - Monitoring and Troubleshooting a Network Policy Server
   - Lab : Installing and Configuring a Network Policy Server

7. **Implementing Network Access Protection**

   - Overview of Network Access Protection
   - Overview of NAP Enforcement Processes
   - Configuring NAP
   - Configuring IPSec Enforcement for NAP
   - Monitoring and Troubleshooting NAP
   - Lab : Implementing Network Access Protection

8. **Implementing Remote Access**

   - Overview of Remote Access
   - Implementing DirectAccess by Using the Getting Started Wizard
   - Implementing and Managing an Advanced DirectAccess Infrastructure
   - Implementing VPN
   - Implementing Web Application Proxy
   - Lab : Implementing DirectAccess by Using the Getting Started Wizard
   - Lab : Deploying an Advanced DirectAccess Solution
   - Lab : Implementing VPN
   - Lab : Implementing Web Application Proxy

9. **Optimizing File Services**

   - Overview of FSRM
   - Using FSRM to Manage Quotas, File Screens, and Storage Reports
   - Implementing Classification and File Management Tasks
   - Overview of DFS
   - Configuring DFS Namespaces
   - Configuring and Troubleshooting DFS Replication
   - Lab : Configuring Quotas and File Screening Using File Server Resource Manager
   - Lab : Implementing Distributed File System

10. Configuring Encryption and Advanced Auditing

- Encrypting Drives by Using BitLocker

- Encrypting Files by Using EFS

- Configuring Advanced Auditing

- Lab : Configuring Encryption and Advanced Auditing

11. Deploying and Maintaining Server Images

- Overview of Windows Deployment Services

- Managing Images

- Implementing Deployment with Windows Deployment Services

- Administering Windows Deployment Services

- Lab : Using Windows Deployment Services to Deploy Windows Server 2012

12. Implementing Update Management

- Overview of WSUS

- Deploying Updates with WSUS

- Lab : Implementing Update Management

13. Monitoring Windows Server 2012

- Monitoring Tools

- Using Performance Monitor

- Monitoring Event Logs

- Lab : Monitoring Windows Server 2012