20411: Administering Windows Server 2012 Boot Camp

Course Details

Course Outline

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

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

4. **Module 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. **Module 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. **Module 6: Configuring and Troubleshooting Remote Access**
   - Remote Access Overview
   - 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

7. **Module 7: 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

8. **Module 8: Implementing Network Access Protection**
   - Network Access Protection Overview
   - Configuring NAP
   - Configuring IPSec Enforcement for NAP
   - Monitoring and Troubleshooting NAP
   - Lab : Implementing NAP with VPN Enforcement
   - Lab : Implementing IPSec Enforcement for NAP

9. **Module 9: Optimizing File Services**
   - Overview of FSRM
   - Using FSRM to Manage Quotas, File Screens, and Storage Reports
   - Implementing Classification Management and File Management Tasks
   - DFS Overview
   - Configuring DFS Namespaces
   - Configuring and Troubleshooting DFS-R
   - Lab : Configuring Quotas and File Screening Using FSRM
   - Lab : Implementing DFS

10. Module 10: Configuring Encryption and Advanced Auditing

- Encrypting Drives by Using BitLocker
- Encrypting Files by Using Encrypting File System
- Configuring Advanced Auditing
- Lab : Configuring Encryption and Advanced Auditing

11. Module 11: Deploying and Maintaining Server Images

- Overview of Windows Deployment Services
- Managing Windows Deployment Images
- Implementing Deployment with Windows Deployment Services
- Administering Windows Deployment Services
- Lab : Using Windows Deployment Services to Deploy Windows Server 2012

12. Module 12: Implementing Update Management

- Overview of WSUS
- Deploying Updates with WSUS
- Lab : Implementing Update Management

13. Module 13: Monitoring Windows Server 2012

- Monitoring Tools
- Using Performance Monitor
- Monitoring Event Logs
- Lab : Monitoring Windows Server 2012