

Course Details

Course 20410A:

Length: 5 Days

Published: September 28, 2012

Language(s): English

Audience(s): IT Professionals

Level: 200

Technology: Windows Server 2012

Type: Course

Delivery Method: Instructor-led (classroom)

Prerequisites

Before attending this course, students must have:

- At least one year of experience working with Windows Server 2008, Windows Server 2008 R2 or Windows Server 2012.
- Good knowledge and understanding of Active Directory and networking infrastructure.
- Knowledge equivalent to that already covered in “20410A:Installing and Configuring Windows Server 2012”.

Course Outline

Module 1: Implementing a Group Policy Infrastructure

- Introducing Group Policy
- Implementing and Administering GPOs
- Managing Group Policy Scope
- Group Policy Processing
- Troubleshooting the Application of GPOs

Module 2: Managing User Desktops with Group Policy

- Implementing Administrative Templates
- Configuring Folder Redirection and Scripts
- Configuring Group Policy Preferences
- Managing Software with Group Policy

Module 3: Managing User and Service Accounts

- Automating User Account Creation
- Configuring Password Policy and Account Lockout Settings
- Creating and Administering User Accounts
- Configuring User Object Attributes
- Configuring Managed Service Accounts

Module 4: Maintaining Active Directory Domain Services

- Implementing Virtualized Domain Controllers
- Implementing Read Only Domain Controllers
- Administering AD DS
- Managing the AD DS Database

Module 5: Configuring and Troubleshooting DNS

- Installing the DNS Server Role
- Configuring the DNS Server Role
- Configuring DNS Zones
- Configuring DNS Zone Transfers
- Managing and Troubleshooting DNS

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

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 Replication

Module 12: Deploying and Maintaining Server Images

- Overview of WSUS
- Deploying Updates with WSUS

Module 6: Configuring and Troubleshooting Remote Access

- Configuring Network Access
- Configuring VPN Access
- Overview of Network Policies
- Troubleshooting Routing and Remote Access
- Configuring DirectAccess

Module 8: Implementing Network Access Protection

- Overview of Network Access Protection
- Overview of NAP Enforcement Processes
- Configuring NAP
- Monitoring and Troubleshooting NAP

Module 10: Configuring Encryption and Advanced Auditing

- Encrypting Network Files with EFS
- Configuring Advanced Auditing

Module 11: Deploying and Maintaining Server Images

- Overview of Windows Deployment Services
- Implementing Deployment with WDS
- Administering WDS

Module 13: Monitoring Windows Server 2012

- Monitoring Tools
- Using Performance Monitor
- Monitoring Event Logs