



## Administering Windows Server

**Description:** This 5-day course is part two, of a series of three courses, which provide the skills and knowledge necessary to implement a core Windows Server Infrastructure in an existing enterprise environment. The three courses in total will collectively cover implementing, managing, maintaining and provisioning services and infrastructure in a Windows Server environment. While there is some cross-over in skill set and tasks across the courses this course will primarily cover the administration tasks necessary to maintain a Windows Server infrastructure, such as user and group management, network access and data security. Credit toward Certification: When you pass Exam 70-411: Administering Windows Server: counts as credit toward the following certification(s): Microsoft Certified Solutions Associate (MCSA): Windows Server.

### Session 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

### Session 2: Managing User Desktops with Group Policy

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

### Session 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

### Session 4: Maintaining Active Directory Domain Services

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

### Session 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

### Session 6: Configuring and Troubleshooting Remote Access

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

### Session 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



#### Protection

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

#### **Session 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

#### **Session 10:** Configuring Encryption and Advanced Auditing

- Encrypting Network Files with EFS
- Configuring Advanced Auditing

#### **Session 11:** Deploying and Maintaining Server Images

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

#### **Session 12:** Deploying and Maintaining Server Images

- Overview of WSUS
- Deploying Updates with WSUS

#### **Session 13:** Monitoring Windows Server

- Monitoring Tools
- Using Performance Monitor
- Monitoring Event Log