



ADMINISTERING WINDOWS SERVER 2012 R2

EXAM 70-411

This hands-on course provides students with knowledge and develops their skills to gain experience necessary to Administer Windows Server 2012 R2.

Manage administration tasks necessary to maintain a Windows Server 2012 infrastructure, including configuring and troubleshooting and management with Active Directory Domain Services (AD DS) and troubleshoot and recover from problems Microsoft Server will encounter.

Get prepared for certificate 70-411 and take your first step towards your Microsoft Certified Solutions Associate (MCSA).

This course is part two of three towards your MCSA: Windows Server 2012 credential.

COURSE OUTLINE

Configuring and Troubleshooting Domain Name System

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

Maintaining Active Directory Domain Services

- Overview of AD DS
- Implementing Virtualized Domain Controllers
- Implementing RODCs
- Administering AD DS
- Managing the AD DS Database

Managing User and Service Accounts

- Configuring Password Policy and User Account Lockout Settings
- Configuring Managed Service Account



Implementing a Group Policy Infrastructure

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

Managing User Desktops with Group Policy

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

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

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

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



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

Configuring Encryption and Advanced Auditing

- Encrypting Drives by Using BitLocker
- Encrypting Files by Using EFS
Configuring Advanced Auditing

Deploying and Maintaining Server Images

- Overview of Windows Deployment Services
- Managing Images
- Implementing Deployment with Windows Deployment Services
Administering Windows Deployment Services

Implementing Update Management

- Overview of WSUS
- Deploying Updates with WSUS

Monitoring Windows Server 2012

- Monitoring Tools
- Using Performance Monitor
Monitoring Event Logs