

# Installing and Configuring Windows Server® 2012 – 70-410

## Module 1: Deploying and Managing Windows Server 2012

- Lesson 1: Windows Server 2012 Overview
- Lesson 2: Installing Windows Server 2012
- Lesson 3: Post-Installation Configuration of Windows Server 2012
- Lesson 4: Overview of Windows Server 2012 Management
- Lesson 5: Introduction to Windows PowerShell
- Lab: Deploying and Managing Windows Server 2012

## Module 2: Introduction to Active Directory Domain Services

- Lesson 1: Overview of AD DS
- Lesson 2: Overview of Domain Controllers
- Lesson 3: Installing a Domain Controller
- Lab: Installing Domain Controllers

## Module 3: Managing Active Directory Domain Services Objects

- Lesson 1: Managing User Accounts
- Lesson 2: Managing Groups
- Lesson 3: Managing Computer Accounts
- Lesson 4: Delegating Administration
- Lab: Managing Active Directory Domain Services Objects

## Module 4: Automating Active Directory Domain Services Administration

- Lesson 1: Using Command-line Tools for AD DS Administration
- Lesson 2: Using Windows PowerShell for AD DS Administration
- Lesson 3: Performing Bulk Operations with Windows PowerShell
- Lab: Automating AD DS Administration by Using Windows PowerShell

## Module 5: Implementing IPv4

- Lesson 1: Overview of TCP/IP
- Lesson 2: Understanding IPv4 Addressing
- Lesson 3: Subnetting and Supernetting
- Lesson 4: Configuring and Troubleshooting IPv4
- Lab: Implementing IPv4

## Module 6: Implementing Dynamic Host Configuration Protocol

- Lesson 1: Overview of the DHCP Server Role
- Lesson 2: Configuring DHCP Scopes
- Lesson 3: Managing a DHCP Database
- Lesson 4: Securing and Monitoring DHCP
- Lab: Implementing DHCP

## Module 7: Implementing DNS

- Lesson 1: Name Resolution for Windows Clients and Servers
- Lesson 2: Installing a DNS Server
- Lesson 3: Managing DNS Zones
- Lab: Implementing DNS

## Module 8: Implementing IPv6

- Lesson 1: Overview of IPv6
- Lesson 2: IPv6 Addressing
- Lesson 3: Coexistence with IPv4
- Lesson 4: IPv6 Transition Technologies

- Lab: Implementing IPv6

#### Module 9: Implementing Local Storage

- Lesson 1: Overview of Storage
- Lesson 2: Managing Disks and Volumes
- Lesson 3: Implementing Storage Spaces
- Lab: Implementing Local Storage

#### Module 10: Implementing File and Print Services

- Lesson 1: Securing Files and Folders
- Lesson 2: Protecting Shared Files and Folders by Using Shadow Copies
- Lesson 3: Configuring Work Folders
- Lesson 4: Configuring Network Printing
- Lab: Implementing File and Print Services

#### Module 11: Implementing Group Policy

- Lesson 1: Overview of Group Policy
- Lesson 2: Group Policy Processing
- Lesson 3: Implementing a Central Store for Administrative Templates
- Lab: Implementing Group Policy

#### Module 12: Securing Windows Servers by Using Group Policy Objects

- Lesson 1: Security Overview for Windows Operating Systems
- Lesson 2: Configuring Security Settings
- Lab A: Increasing Security for Server Resources
- Lesson 3: Restricting Software
- Lesson 4: Configuring Windows Firewall with Advanced Security
- Lab B: Configuring AppLocker and Windows Firewall

#### Module 13: Implementing Server Virtualization with Hyper-V

- Lesson 1: Overview of Virtualization Technologies
- Lesson 2: Implementing Hyper-V
- Lesson 3: Managing Virtual Machine Storage
- Lesson 4: Managing Virtual Networks
- Lab: Implementing Server Virtualization with Hyper-V