



INSTALLING AND CONFIGURING WINDOWS SERVER 2012 EXAM 70-410

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

Students will learn to Install Windows Server 2012 infrastructure in an existing enterprise environment. Also, covers the initial implementation and configuration of those core services, such as Active Directory Domain Services (AD DS), networking services, and Hyper-V configuration.

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

COURSE OUTLINE

Deploying and Managing Windows Server 2012

- Windows Server 2012 Overview
- Installing Windows Server 2012
- Post-Installation Configuration of Windows Server 2012
- Overview of Windows Server 2012 Management
- Introduction to Windows PowerShell

Introduction to Active Directory Domain Services

- Overview of AD DS
- Overview of Domain Controllers
- Installing a Domain Controller

Managing Active Directory Domain Services Objects

- Managing User Accounts
- Managing Groups



- Managing Computer Accounts
- Delegating Administration

Automating Active Directory Domain Services Administration

- Using Command-line Tools for AD DS Administration
- Using Windows PowerShell for AD DS Administration
- Performing Bulk Operations with Windows PowerShell

Implementing IPv4

- Overview of TCP/IP
- Understanding IPv4 Addressing
- Sub netting and Super netting
- Configuring and Troubleshooting IPv4

Implementing Dynamic Host Configuration Protocol

- Overview of the DHCP Server Role
- Configuring DHCP Scopes
- Managing a DHCP Database
- Securing and Monitoring DHCP

Implementing DNS

- Name Resolution for Windows Clients and Servers
- Installing a DNS Server
- Managing DNS Zones

Implementing IPv6

- Overview of IPv6



- IPv6 Addressing
- Coexistence with IPv4
- IPv6 Transition Technologies

Implementing Local Storage

- Overview of Storage
- Managing Disks and Volumes
- Implementing Storage Spaces

Implementing File and Print Services

- Securing Files and Folders
- Protecting Shared Files and Folders by Using Shadow Copies
- Configuring Work Folders
- Configuring Network Printing

Implementing Group Policy

- Overview of Group Policy
- Group Policy Processing
- Implementing a Central Store for Administrative Templates

Securing Windows Servers Using Group Policy Objects

- Security Overview for Windows Operating Systems
- Configuring Security Settings
- Restricting Software
- Configuring Windows Firewall with Advanced Security

Implementing Server Virtualization with Hyper-V

- Overview of Virtualization Technologies
- Implementing Hyper-V