

Start at 9.00 AM End Time: 4:00 PM

Coffee Break 10:30 to 10:45 AM

Lunch Break 12:15 to 01:00 PM

Coffee Break 02:30 to 2:45 PM

AGENDA- WINDOWS SERVER 2012

Day 1

Module 1: Deploying and Managing Windows Server 2012

Lessons

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

Lab : Deploying and Managing Windows Server 2012

- Deploying Windows Server 2012
- Configuring Windows Server 2012 Server Core
- Managing Servers
- Using Windows PowerShell to Manage Servers

Module 2: Introduction to Active Directory Domain Services

Lessons

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

Lab : Installing Domain Controllers

- Installing a Domain Controller
- Installing a Domain Controller by Using IFM

Module 3: Managing Active Directory Domain Services Objects

Lessons

- Managing User Accounts
- Managing Group Accounts
- Managing Computer Accounts
- Delegating Administration

Day 2

Lab : Managing Active Directory Domain Services Objects

- Delegating Administration for a Branch Office
- Configuring User Accounts in AD DS
- Managing Computer Objects in AD DS

Module 4: Automating Active Directory Domain Services Administration

Lessons

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

Lab : Automating AD DS Administration by Using Windows PowerShell

- Creating User Accounts and Groups by Using Windows PowerShell
- Using Windows PowerShell to Create User Accounts in Bulk
- Using Windows PowerShell to Modify User Accounts in Bulk

Module 5: Implementing IPv4

Lessons

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

Lab : Implementing IPv4

- Identifying Appropriate Subnets
- Troubleshooting IPv4

Day 3

Module 6: Implementing Dynamic Host Configuration Protocol

Lessons

- Installing a DHCP Server Role
- Configuring DHCP Scopes
- Managing a DHCP Database
- Securing and Monitoring DHCP

Lab : Implementing DHCP

- Implementing DHCP
- Implementing a DHCP Relay Agent (Optional Exercise)

Module 7: Implementing Domain Name System

Lessons

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

Lab : Implementing DNS

- Installing and Configuring DNS
- Creating Host Records in DNS
- Managing the DNS Server Cache

Module 8: Implementing IPv6

Lessons

- Overview of IPv6
- IPv6 Addressing
- Coexistence with IPv6
- IPv6 Transition Technologies

Lab : Implementing IPv6

- Configuring an IPv6 Network
- Configuring an ISATAP Router

Day 4

Module 9: Implementing Local Storage

Lessons

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

Lab : Implementing Local Storage

- Installing and Configuring a New Disk
- Resizing Volumes
- Configuring a Redundant Storage Space

Module 10: Implementing File and Print Services

Lessons

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

Lab : Implementing File and Print Services

- Creating and Configuring a File Share
- Configuring Shadow Copies
- Creating and Configure a Printer Pool