

6 Weeks Training Module in Windows Server 2012



Installing and Configuring Windows Server 2012

Installing and Managing Windows Server 2012

- Windows Server 2012 Overview
- Installing Windows Server 2012
- Post-Installation Configuration of Windows Server 2012

Understanding and Configuring IP

- Understanding and Configuring Network
- Understanding IP Version 4 (IPv4) Addressing
- Subnetting and Supernetting
- Configuring and Troubleshooting IPv4
- Understanding IP Version 4 (IPv4) Addressing

Configuring Name Resolution

- Installing a DNS Server
- Configuring DNS Client Settings

Configuring a DNS Zone Infrastructure

- Creating and Configuring Zones
- Creating Resource Records
- Configuring Zone Replication and Transfers
- Implementing Stub Zones

Creating a DHCP Infrastructure

- Installing a DHCP Server
- Configuring a DHCP Server
- Creating Address Exclusions
- Creating Reservations
- Adjusting Lease Durations
- Configuring Additional DHCP Options
- Implementing User Classes

Implementing Local Storage

- Managing Disks, Volumes, and Partitions
- Understanding Basic and Dynamic Disks
- Simple or basic volumes
- Spanned volumes
- Striped volumes



- Mirrored volumes
- Raid-5 volumes

Configuring IP Routing

- Routing Overview
- Routing Protocols
- Static Routing

Protecting Network Traffic with IPSec

- Configuring IPSec
- IPSec Policies
- Authentication Methods for IPSec
- Assigning a Predefined IPSec Policy

Configuring Network Address Translation

- NAT Concepts
- Configuring Internet Connection Sharing
- Configuring Network Address Translation Using Routing And Remote Access

Configuring Wireless Networks

- Wireless Networking Concepts
- Wireless Networking Standards
- Wireless Security Standards
- Infrastructure and Ad Hoc Wireless Networks

Connecting to Remote Networks

- Remote Access Overview
- Dial-up Connections
- Virtual Private Networks
- Point-to-Point Tunneling Protocol (PPTP)
- Layer Two Tunneling Protocol (L2TP)

Configuring Windows Firewall

- Firewall Profiles
- Filtering Inbound Traffic
- Filtering Outbound Traffic

Monitoring Computers

- Monitoring Event Logs
- Monitoring Performance and Reliability
- Performance Monitor
- Reliability Monitor

Managing Files

- Managing File Security
- Encrypting File System
- Sharing Folders

- Manage disk quotas.
- Configure backup and restore.
- Configure shadow copy services.

Managing Printers

- Installing Printers
- Sharing Printers
- Configuring Printer Permissions
- Configuring Printer Pooling and permissions
- Managing Internet Printing

