

**Content of Windows Server 2003**  
**Duration: 70 hours****I. Networking Fundamentals**

- Introduction to Networking
- What is a Networking?
- Networking Configuration
- Network Topology
- Network Cabling
- Subnet IP Address

**II. Lab Setup**

Setting up the Lab

Server01

Server02

Server03

Server04

Internal Client

External Client

**Lab 1 Installation Windows 2003 Enterprise Server**

- Version Windows 2003 Server Comparisons
- Minimum Recommended Hardware Requirements for Windows Server 2003
- Installing Windows Server 2003 on a New Machine

**Lab 2 Promote stand alone Server to Domain Controller**

- Domain Controller Promotion and the Local SAM

**Lab 9 Configuring Additional Domain Controller**

- Demoting a domain Controller, including demoting the last domain controller in a domain
- Configure TCP/IP on secondary Windows 2003
- Promote secondary server to be Additional Domain Controller from Primary DC

**Lab 10 NTFS Security Permission**

- Mapping Network Drive
- Home Folder
- Accessing Network Drive Scripting
- Disk Quota Management
- DFS Connection

**Lab 11 Trust Domain in existing Tree**

- Configure TCP/IP on third Windows 2003
- Promote third server to be an existing Tree Domain from Primary DC
- Plan share and access resources for both domain in tree

**Lab 12 Trust Domain in existing Forest**

- Configure TCP/IP on fourth Windows 2003
- Promote fourth server to be an existing Tree Domain from Primary DC
- Plan share and access resources for

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- Configure TCP/IP on Windows 2003
  - Promoting the First Windows Server 2003 Domain Controller

both domain in forest

### Lab 3 Join to New Domain Controller from Windows XP Client

- Configure and testing TCP/IP on Windows XP Client
- Join to new Domain Server

### Lab 4 Managing User Account

- Create new domain user account and log in from client
- Manage on user that we have created
- Managing User Accounts Via the Pop-Up Menu
- Creating Organizational Units
- Delegate Control on OUs

### Lab 5 Managing Group Account

- Create new domain group account
- Managing Group Accounts Via the Pop-Up Menu

### Lab 6 Backup file and System Stat data

- Backup files and System State data
- Restore backup data and System State
- Schedule backup jobs

### Lab 7 Working with Group Policy in an Active Directory Environment

- Planning and Implementing Group Policy
- Configure the user environment by using Group Policy
- Configure the user security settings by using Group Policy
- Configure computer security settings by using Group Policy
- Troubleshoot issues to Group Policy with Security Configuration and Analysis

### Lab 13 Configure Server as a Print Server

- Creating a printer
- Sharing a printer
- Setting permissions
- Internet printing protocol

### Lab 14 Configure Server as a DHCP Server

- Manage DHCP client s and leases
- Manage DHCP scope options
- Manage reservations and reserved clients
- Troubleshoot DHCP

### Lab 15 Configure Server as a DNS and Intranet Web Server

- Install and configure the DNS Server Service
- Configure DNS zone options
- Configure forwarding
- Configure a Web server
- Manage security for IIS

### Lab 16 Configure Server as Routing Server

- Introduction to Routing and Remote Access Service
- Configure TCP/IP on client
- Configure RRAS for routing server

### Lab 17 Configure Server as a Local VPN

- Configure local VPN on Server
- Configure VPN client connection

### Lab 18 Remote Installation Server Configuration

- RIS Overview
- Implementing RIS

### Lab 8 Deploying Software via Group Policy

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**Object with .msi and zap file**

- Administering RIS

- Understanding Group Policy Software Installation Terminology and Concepts
  - Implementing Install Programs with .msi file
  - Implement Install Programs with .zap file
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