

# Microsoft Windows 2003 Server And Windows XP Client

Course:ET113

## Course Description

Windows Server 2003 operating systems take the best of Windows 2000 Server technology and make it easier to deploy, manage, and use. The result: a highly productive infrastructure that helps make your network a strategic asset for your organization. Windows Server 2003 SP1 provides enhanced security, increased reliability, and a simplified administration to help enterprise customers across all industries

## Course Level

Intermediate

## Who should attend?

IT professionals responsible for system and network support/administration on Windows 2003 System

## Pre-requisites

Our Networking Fundamentals and Previous proficiency with Microsoft Server and networking environments is required

## Course Objectives

- Installing , Configuring and Manage Windows 2003
- Active Directory Domain
- Create and Manage User Account
- Manage File and Folder Security
- Integration with Windows XP
- Understand IIS 6.0 and Web Sites
- Implement Terminal Service
- Manage Disk and Partition
- Using WSUS to Update Software on Windows
- Assistance in preparing for Microsoft Exams 70-270 and 70-290

## Course Outline

### 1. Windows Server Features

Windows Server 2003 Family  
Windows Components and Features  
Microsoft Management Console

### 2. Installing Windows 2003 Server

Windows Server 2003 Requirements  
Installation Methods (Attended/Unattended)  
Windows Components Wizard

#### Labs

*Install Windows 2003 Server*

### 3. Configuring Windows 2003

Using MMC  
Using Computer Management  
Windows 2003 Hardware and Device  
Troubleshoot server hardware devices

#### Labs

*Using Hardware Profiles*

### 4. Active Directory Services

Directory Service Overview  
Create Windows 2003 Domain

#### Labs

*Create a New Active Directory Domain*

### 5. Managing Users in the Directory

Create and Manage User Account  
Manage User Profiles on Windows XP  
Create and Manage Group  
Troubleshoot User Account Problems  
Troubleshoot Group Problem  
Troubleshoot Authentication Problem

#### Labs

*Create User Account*  
*Using Roaming and Mandatory Profile*  
*Configuring Home Folder*  
*Create Group*

### 6. Manage Disk in Windows 2003

Manage basic disks and dynamic disks  
Implement a RAID solution  
Defragment volumes and partitions  
Optimize server disk performance

#### Labs

*Create Disk Partition*  
*Convert Basic to Dynamic Disk*  
*Implement Disk Fault Tolerant*

### 7. Managing File Systems

Configure file system permissions and owner  
Secure file and Folder using Encryption  
Manage Disk Quota  
Compress files and Folders

#### Labs

*Assign File and Folder Permission*

*Encrypt and Recovery File*  
*Assign Disk Quota*

### 8. File and Print Sharing

Create and Manage Share Folder  
Using Offline Files  
Recovery Files using Shadow Copy  
Troubleshoot shared folders  
Create Share Printer

#### Labs

*Create Share Folder and Assign Permission*

*Enable Offline Content*  
*Configure Shadow Copy*  
*Using IPP to Connect Printer*

### 10. Internet Information Services (IIS)

Install Internet Information Service (IIS)  
Configure IIS  
Create and Manage IIS Components

#### Labs

*Install Internet Information Service 6.0*  
*Configure Host Header to Host More Than One Site*

### 11. Terminal Server

Enable Terminal Service Features  
Using Remote Desktop and Remote Assistant  
Manage Terminal Services

#### Labs

*Install Terminal Service*  
*Connect to Terminal Server*  
*Using Session Directory to Load Balance Server*

### 12. Managing Software Update

Configuring Windows Update  
Using WSUS to Update Window

#### Labs

*Install WSUS*  
*Configure Windows Update*

### 13. Manage Windows XP Clients

Deploy Windows XP with RIS  
Configuring Windows XP  
Recovery Windows using ASR  
Recovery Windows using WinPE

#### Labs

*Using RIS to Deploy Windows Images*  
*Using ASR to Recovery Windows*



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