

Windows Server[®] 2003: A Comprehensive Hands-On Introduction - 5 Days

Course 595 Overview

- You Will Learn How To**
- Manage and configure Windows Server 2003 for your environment
 - Optimise file system resources to maximise access to data
 - Organise and administer the Active Directory
 - Implement security on local and network resources
 - Upgrade to Windows Server 2003 R2
 - Manage file, network and printer resources with Windows Server 2003 R2

Course Benefits Windows Server 2003 enables organisations to build a robust and reliable enterprise infrastructure to manage and secure users, resources and network applications. This course provides the essential foundation for managing your Windows Server 2003 system. You gain experience in the first steps toward evaluating, designing and managing a Windows Server 2003 environment.

Who Should Attend Those responsible for managing Windows Server 2003 and those migrating from other operating systems. Those with strong experience in Windows 2000 should consider taking the advanced Windows Server 2003 courses.

Hands-On Training Extensive exercises reinforce the knowledge you gain in class, including:

- Managing resource publication in the Active Directory
- Limiting user disc space with quotas
- Securing local and network resources
- Testing data availability with DFS
- Maintaining the Active Directory with the MMC
- Creating OUs, users and groups
- Delegating administration within a domain
- Setting up Windows Server 2003 R2 file and print manager

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Course 595 Outline

Windows Server 2003 Overview

Installing the operating system

- Selecting the correct hardware
- Upgrading from previous versions
- Choosing the installation options

Maintaining a stable system

- Monitoring system resources
- Making Registry changes
- Managing hardware devices and drivers
- Integrating tools with the Microsoft Management Console (MMC)

Managing Users and Groups

User identity and management

- Authenticating local and domain users
- Creating and managing user accounts
- Viewing a user's security context
- Setting rights and privileges

Resource and account groups

- Controlling access to resources using local, global and universal groups
- Changing the domain and forest functional levels
- Managing group scope and membership

Controlling File System Resources

Managing access to file resources

- Discretionary access control security
- Working with explicit and inherited permissions
- Controlling inheritance propagation

Protecting file system resources

- Monitoring access through auditing
- Securing files and folders with encryption
- Limiting disc space usage with quotas

Managing Network Resources

Accessing data from shared resources

- Sharing folders and defining permissions
- Installing and sharing printers
- Restoring user data through shadow copies

Distributed File System (DFS)

- Providing unified management of network resources using DFS
- Implementing fault-tolerant DFS roots

Maintaining Directory Information

Active Directory (AD) architecture

- Creating and managing the infrastructure
- Defining schema, configuration and domain naming contexts

- Managing replication with sites and global catalogue placement
- Locating directory objects
- Automating account creation with ADSI

Organising and managing the AD

- Designing a directory hierarchy using Organisational Units (OUs)
- Controlling object and attribute access
- Delegating administration tasks

Deploying the Active Directory

- Building domains and forests
- Managing DNS requirements
- Promoting and demoting domains with Depromo
- Upgrading from Windows 2000 to Windows Server 2003 R2

Controlling the Users' Desktop

- Incorporating startup/shutdown and logon/logoff scripts
- Setting up and working with user profiles
- Configuring group policies for desktop control
- Applying policies to OUs

Windows Server 2003 R2 Management

File Server Resource Manager

- Creating quota templates
- Applying standard and auto quotas
- Reporting on disc usage
- Creating and managing file screens

Controlling the DFS

- Creating a DFS namespace
- Configuring data replication
- Backing up branch office data

Printer management

- Managing remote printers
- Creating print filters
- Consolidating print servers