

Windows Server 2003 Managing a Network Environment

6 Sessions –

18 Hours of Interactive On Line Training

The Windows Server 2003 Managing a Network Environment course from ExamForce prepares you with the knowledge and skills needed to install, configure, and administer Microsoft Windows Server 2003. Expert instructor Aaron Spurlock shows you techniques for monitoring and optimizing physical and logical devices. He will guide you through managing users, computers and groups, configuring access to resources and disaster recovery contingency planning. At the conclusion of the course, you will understand how to manage and maintain a Windows Server 2003 environment and be prepared to pass MCP exam 70-290

Benefits

- ExamForce certification courses meet or exceed MCP (Microsoft Certified Professional) exam objectives.
- You'll gain technical mastery of network environments.
- Your increased IT ability will maximize earning potential.

Session 1

Section A: Introduction

- Course Overview
- Windows 2003 Family
- Windows 2003 Editions
- Standard & Enterprise
- Datacenter & Web

Section B: Installation

- Prerequisite Knowledge
- Hardware Requirements
- Clean Installations
- Upgrade Installations
- Upgrading NT 4.0 Domains
- NT 4.0 Upgrade Issues
- NT 4.0 Upgrade Order
- Upgrading to Active Directory

Section C: Upgrading Windows 2000

- Active Directory
- Adprep/forestprep
- Adprep/domainprep
- Set Up Server 2003
- Windows Setup
- Verify Upgrade
- Functional Levels
- Domain/Forest Levels

Section D: Hardware Support

- Server Class Hardware
- Standard/Wireless
- USB Devices
- View Devices
- Optical Drives
- Hardware Installation
- Driver Signing
- Unsigned Drivers

Section E: Troubleshoot Hardware

- Hardware Problems
- Add Hardware Wizard
- Update Drivers
- Audio
- HAL/Computer Driver
- Other Tools

Session 2

Section A: Server 2003

- Hard Drives
- Basic Disks
- Dynamic Disks
- More on Basic Disks
- Basic to Dynamic
- Dynamic Conversion

Section B: Basic Dynamic Volumes

- Volume Types
- Spanned vs. Striped
- Disk Management
- Simple Volume
- Spanned Volume
- Striped Volume

Section C: Fault Tolerant Volumes

- Mirrored Volume
- RAID-5 Volume
- Configure Mirror
- Configure RAID-5

Section D: Managing Volumes

- Disk Management Console
- Mount into Directory
- Storage Commands
- DiskPart Utility
- Defrag Utility
- Schedule Defrag

Section E: File Systems

- FAT/FAT32
- NTFS
- NTFS-Based Features
- Format NTFS
- Format FAT32
- File Permissions

Section F: Computer Accounts

- Access Server Resources
- Join Domains
- Create Accounts
- Log onto Domain
- Computer Management
- Computer Account Issues
- DNS Settings
- Reset Account

Session 3

Section A: User Accounts

- Basic Building Block
- Authentication
- Create Users
- Local User Account
- Active Directory Users
- User Properties
- Verify Resource Access

Section B: Advanced User Accounts

- Create Users Quickly
- Create Template
- Copy Template
- net User Command
- dsadd User Command

Section C: User Account Properties

- Properties
- Account Tab
- Profile Tab
- Account Policies
- Password Policy
- Account Lockout Policy

Section D: User Profiles

- Roaming Profile
- Mandatory Profile
- Add Roaming Profile
- Save Profile
- Add Mandatory Profile

Section E: Groups

- Group Categories
- Group Scope
- Windows 2000 Mixed Mode
- Domain Local Group
- Global Group
- Universal Group
- Domain Groups
- Forest Groups

Section F: Managing Groups

- Control Access
- Add Users
- Create Group
- Change Group Scope
- Move Users or Groups

Session 4

Section A: NTFS Permissions

- Local File Access
- Permission Inheritance
- Grant Permissions
- Advanced Permissions
- Modify Inheritance
- Effective Permissions

Section B: Share Permissions

- Create Share
- Real World Permissions
- Modify Permissions
- Troubleshooting

Section C: NTFS Features

- Ownership
- View Ownership
- Take Ownership
- Compression
- Quotas
- Apply Compression
- Set Quota
- Test Quota Entries

Section D: Printers

- Permissions
- Print Devices
- Sharing
- Setting Up
- Install on Server
- Share Permissions
- Install on Client
- Manage Printers
- Print Queue
- Print Server Properties

Section E: Windows Licensing

- Site Licensing
- Licensing Tool
- Verify Licensing
- Licensing Server
- Licensing Modes

Section F: Software Update Services

- Install SUS
- Administrative Interface
- Service Packs

Session 5

Section A: Remote Administration

- Remote Tools
- Install Help
- Add Computer Management
- Remote Assistance
- Using Remote Assistance

Section B: Remote Desktop

- Implementing
- Connection
- Enable & Add Users
- Remote Connection
- Options
- Remote Control

Section C: Web Server

- Web Services
- IIS 6.0
- Install IIS
- Manage Server
- Securing IIS

Section D: Monitoring Servers

- Monitoring Tools
- System Monitor
- Remote Monitoring
- Performance Logs
- Log/Schedule Properties
- Create Logs/Alerts
- View Logs
- Performance Guidelines

Section E: Shadow Copies

- Requirements
- Enable Shadow Copies
- Settings
- Restore Shadow Copies

Section F: Backup

- Backup Options
- Removable Storage
- Backup Process
- Advanced Options
- Scheduled Backups
- Restore Options
- Restore Active Directory
- Restore Data

Section G: Disaster Recovery

- Basic Elements
- Redundancy
- ASR
- Using ASR

Session 6

Section A: Windows Server 2003

- R2 Edition
- Windows Server 2003 R2
- R2 Technologies
- 32-bit R2 Editions
- 64-bit R2 Editions
- Getting to R2

Section B: File Server Roles and Quotas

- File Server Management
- Quota Management
- Quota Templates

Section C: Screening and Reporting

- File Screening
- Storage Reporting

Section D: Remote Management

- Branch Office Management
- Distributed File System

Section E: Replicating Data

- DFS Replication
- Using DFS Replication

Section F: Printer Management

- Print Server Management
- Remote Printer Installation

Section G: UNIX Integration

- Interoperability
- Network File System
- Subsystem for UNIX

Section H: Web Update Technology/UNIX

- Web Platform Features
- Hardware Management
- Development and Licensing