

Windows 2000 Server: In Depth

This course is a 5-day/30 hour instructor-led course presenting the material required for successful completion of the MCP Certification Exam 70-215: Installing, Configuring, and Administering Microsoft Windows 2000 Server. The course includes hands-on labs and a CD-ROM containing a complete Instructor Guide (free with Learning Guide), 65 question practice exam, slide show, syllabus, and a glossary of Windows 2000 terms.

Course Length: 5 days/30 hours

Certification: MCSA

Prerequisites: Knowledge of Microsoft Operating Systems (Windows 95/98, Windows NT) beneficial

System requirements: Each student requires a Windows 2000 PC with CD-ROM drive, Windows 2000 installation media, and network and Internet access.

Related courseware: Windows 2000 Skills Update Self-Study Kit

What's in Windows 2000 Server: In-Depth?

Windows 2000 Server Certification is a comprehensive five-day course that prepares students for the Windows 2000 MCP Exam 70-215: Installing, Configuring, and Administering Microsoft Windows 2000 Server. The Learning Guide includes hands-on labs that will allow students to become familiar with the many features of Windows 2000. The CD-ROM includes an interactive practice test containing 65 multiple-choice questions that are mapped to the exam objectives for Exam 70-215. The CD also contains a glossary of Windows 2000-related terms, a complete Instructor Guide containing tips and notes for the instructor, classroom setup requirements, a PowerPoint slide show, and a course syllabus.

Why do I need Windows 2000 Server: In-Depth?

- Prepares students for the Windows 2000 MCP Exam 70-215
- Gives students comprehensive and complete understanding of the Windows 2000 operating system
- Provides student with a working knowledge of Windows 2000 Server, its features, and troubleshooting techniques

Topics

Introduction to Windows 2000 Server

The Windows 2000 Interface

Tools and Administration

Usability Enhancements

New Windows 2000 Technologies

Installing Windows 2000 Server

Minimum System Requirements

Deployment Planning

Installation Components

Windows 2000 Server Roles

Automated Installation Methods

Using Setup Manager Scripts

Troubleshooting the Setup

Disk Management

Basic Disks and Dynamic Volumes

Data Recovery

Compression

Active Directory

Active Directory Technologies

Creating an Active Directory Domain

Active Directory Domain Trusts

User and Group Management

- Creating Local User Accounts
- Creating Domain User Accounts
- Examining Group Strategies

File Resources

- Shared Folders
- Understanding NTFS Permissions
- Encrypting File System

Group Policy Objects

- Group Policy Elements
- Group Policy Interaction
- Configuring a Group Policy

Plug and Play in Windows 2000

- Plug and Play Drivers
- Using Power Management
- Using Signed Drivers

Device Management

- Using Device Manager
- Troubleshooting Device Conflicts
- Examining Hardware Profiles

Terminal Services

- Configuring Application Access
- Connecting to a Terminal Session
- Using the Terminal Server Configuration Console

TCP/IP

- Understanding IP Addresses
- Addressing IP Clients
- IP Troubleshooting Tools

TCP/IP Services

- Installing and Configuring DHCP
- Windows Internet Name Services (WINS)
- Domain Name System (DNS)

Remote Access Services

- Installing and Configuring Routing and Remote Access
- Configuring User Dial-up Access
- Configuring Policy Settings

Virtual Private Networking

- VPN Components, Clients, and Servers
- Configuring VPN Connections

Internet Connection Sharing and Network

Address Translation

- Examining Internet Connection Sharing
- Examining Network Address Translation

Internet Information Server 5.0

- Installing and Testing the IIS Installation
- Management Tools
- Advanced Administration

Printer Administration

- Installing Printers
- Controlling Printer Access
- Managing Documents

Performance Monitoring and Enhancement

- Using Task Manager and System Monitor
- Identifying Performance Problems

Using the Event Viewer

Troubleshooting

Restoring a Non-Bootable System

Examining System State Data

Understanding Windows File Protection