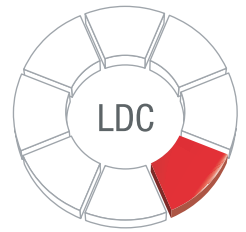




MCSE

Microsoft Certified Systems Engineer Library



In today's Information Technology world, certification and training go hand in hand. Learn.com's MCSE Library can help with the challenge of quickly getting you up to speed on important IT topics and technologies.

Learn how to install, configure, and administer Microsoft Windows® 2000 Professional and Server editions, and learn how to implement and administer a Microsoft Windows® 2000 Network and Directory Services infrastructures with the Microsoft Certified Systems Engineer sub-library. In addition, you will learn how to administer Microsoft SQL Server™ 7.0, design databases, and implement and support Microsoft IE. This sub-library addresses skill standards for MCSE exams 70-028, 70-029, 70-080, 70-210, 70-215, 70-216, 70-217, 70-219, 70-220, and 70-221.

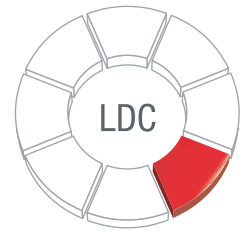


Topics Covered:

- ▶ Microsoft Windows 2000 Pro
- ▶ Microsoft Windows 2000 Server
- ▶ Microsoft Windows 2000 Network
- ▶ Microsoft Windows 2000 Directory Services Infrastructure
- ▶ Microsoft SQL Server 7.0
- ▶ Microsoft IE 5.0

MCSE

Microsoft Certified Systems Engineer Library



Core Exams (four required)

70-210 – Installing, Configuring and Administering Microsoft Windows 2000 Professional

Lessons

- Performing Attended Installation
- Performing Unattended Installation
- Managing Standard Hardware Devices
- Enhancing Hardware Support
- Administering Users
- Administering Resources
- Customizing Desktops
- Optimizing System Performance
- Maintaining Data and Systems
- Implementing Local Security
- Configuring Network Connectivity

70-215 – Installing, Configuring and Administering Microsoft Windows 2000 Server

- Installing Windows 2000 Member Server
- Configuring Hardware Devices
- Managing File and Print Resources
- Configuring Storage Use
- Maintaining Windows 2000 Server
- Implementing Local Security
- Monitoring and Optimization
- Configuring Web Services
- Implementing Interoperability
- Configuring Networking Services
- Implementing Remote Access
- Sharing Resources Over the Internet
- Managing Terminal Services
- Automating Installation

70-216 -- Implementing and Administering a Microsoft Windows 2000 Network Infrastructure

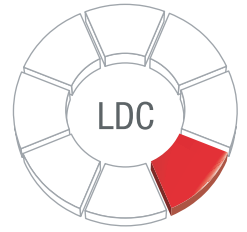
- Administering DNS
- Administering DHCP
- Administering WINS
- Configuring Network Protocols
- Implementing IP Routing
- Configuring ICS and NAT
- Implementing Remote Access Services
- Implementing VPN
- Implementing Certificate Services

70-217 – Implementing and Administering a Microsoft Windows 2000 Directory Services Infrastructure

- Configuring Active Directory
- Managing Active Directory Objects
- Implementing Change and Configuration Management
- Managing User Environment and Software Deployment
- Configuring Remote Installation Services
- Implementing Active Directory
- Optimizing Active Directory Performance

MCSE

Microsoft Certified Systems Engineer Library



Design Exams

(one required)

70-219 Designing a Microsoft Windows 2000 Directory Services Infrastructure

Lessons

- Introducing Windows 2000 ADS
- Business Needs and DNS Strategies
- Planning a Domain Structure in ADS
- Planning Windows 2000 ADS
- AD Replication Strategies
- Advanced AD Concepts

70-220 Designing Security for a Microsoft Windows 2000 Network

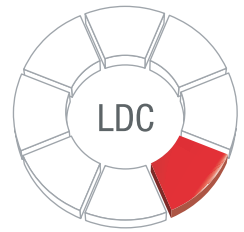
- Analyzing the Network Security Design
- Providing Security in a LAN Environment
- Designing Windows 2000 PKI
- Providing Security in a WAN Environment

70-221 -- Designing a Microsoft Windows 2000 Network Infrastructure

- Analyzing Network Requirements
- Developing a DHCP Strategy
- Designing and Monitoring DHCP and WINS Services
- Designing Access Solutions
- Developing a Routing Strategy
- Designing Wide Area Network Infrastructure
- Network Services Availability Strategies
- Designing a Strategy to Manage Network Services

MCSE

Microsoft Certified Systems Engineer Library



Elective Exams

(two required)

70-028 Administering Microsoft SQL Server 7.0

Lessons

- Installing and Configuring
- Managing Databases (Part 1)
- Managing Databases (Part 2)

- Automating Tasks and Loading Data
- Replication and Server Performance

70-029 Designing and Implementing Databases with SQL Server 7.0

- Introducing SQL Server Architecture
- Retrieving Information
- Implementing Data Integrity

- Optimizing Query Performance
- Managing Data Processing
- Accessing Remote Data

70-080 Implementing and Supporting Microsoft IE 5.0

- IE 5.0 – Setting Up Components
- IE 5.0 – Deploying IE 5.0 Using IEAK 5.0