



Computer Consultants Corporation

Implementing and Administering a MS Windows 2000 Network Infrastructure Exams 70-216 & 70-218

Length of course: 4 class days (24 hours)

Prerequisites: Good working knowledge of the Windows 2000 Server.

Learning Objectives: In this class the participant learns to install and implement the Windows 2000 networking services.

Windows 2000 Networking Infrastructure

- Overview of the Windows 2000 Networks
- Introduction to Intranets
- Identifying Remote Access Methods
- Communicating with Remote Offices
- Providing Internet Access
- Introduction to Extranets

Automating Internet Protocol (IP) Address Assignment

- Installing the DHCP Service
- Authorizing the DHCP Service
- Creating and Configuring a Scope
- Customizing DHCP Functionality
- Configuring DHCP in a Routed Network

Implementing the DNS Service

- Installing the DNS Server Service
- Configuring Name Resolution for Clients
- Creating & Configuring Zones
- Configuring DNS for Internal Use
- Integrating DNS and DHCP

Implementing WINS

- Connecting to NetBIOS-Based Networks
- Configuring WINS Servers and Clients
- Configuring Support for Non-WINS Clients
- Enabling WINS Database Replication
- Maintaining the WINS Server Database

Configuring Security with PKI

- Deploying Certificate Services
- Managing & Using Certificates

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Configuring Security Using IPSec

- Introduction to IPSec
- Implementing IPSec
- Configuring TCP/IP for Server Security
- Troubleshooting Protocol Security

Configuring Remote Access

- Configuring Inbound Connections
- Configuring Outbound Connections
- Configuring Multilink Connections
- Configuring Authentication Protocols

Configuring a Server As a Router

- Configuring Network Connections
- Using Routing and Remote Access
- Configuring Static Routes

Deploying Windows 2000 Professional by Using RIS

- Installing and Configuring RIS
- Configuring Remote Installation Options
- Deploying Images by Using RIS
- Creating an RIPrep Image
- Solutions to RIS Problems