



## Computer Consultants Corporation

### **Implementing and Administering Security in a Microsoft Windows 2000 Network** **Exam 70-214**

Length of course: 4 class days (24 hours)

Objective(s): In this course participants will learn to design, plan, implement, and support a Microsoft Windows 2000 network infrastructure.

Prerequisites: Thorough knowledge of Windows 2000 Server, networking services, and Active Directory Services is assumed.

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#### **Implementing Group Policy**

- Active Directory and Group Policy
- Configuring and Managing Group Policy
- Configuring Client Computer Security Policy
- Troubleshooting Group Policy Application

#### **Creating User Accounts and Security Groups**

- Creating and Managing Local User Accounts
- Creating and Managing Security Groups
- Active Directory Domain Accounts and Security Groups

#### **Restricting Accounts, Users, and Groups**

- Account Policies
- Managing User Rights
- Using Restricted Groups
- Administering Security Templates

#### **Configuring Account Based Security**

- Managing NTFS File System Permissions
- Implementing Share Security
- Implementing Audit Policies
- Securing the Registry

#### **Managing Certificate Authorities**

- What are Certificates?
- Implementing Windows 2000 Certificate Services
- Maintaining Certificate Authorities

#### **Managing a Public Key Infrastructure**

- Deploying Computer Certificates
- Deploying User Certificates
- Deploying Smart Card Certificates
- Deploying S/MIME Certificates

#### **Increasing Authentication Security**

- Supporting Earlier Windows Clients
- Supporting Macintosh Clients
- Configuring Trust Relationships

#### **Implementing IP Security**

- Configuring IPsec Within a Domain
- Configuring IPsec Between Untrusted Networks
- Configuring IPsec on Internet Servers
- Troubleshooting IPsec Configuration

#### **Securing Remote Access and VPN**

- Securing RRAS Servers
- Managing RRAS Authentication
- Securing Remote Clients
- Securing Communications Using a VPN

#### **Configuring Clients for Wireless Security**

- Setting Up a Wireless Network
- Securing Wireless Networks
- Configuring Clients for Wireless Security

#### **Securing Public Application Servers**

- Securing Public Services
- Providing Internet Security
- Configuring Microsoft SQL Server
- Securing Microsoft Exchange Server

#### **Implementing Web Service Security**

- Configuring Public Web Servers
- Configuring Web Authentication
- Encryption Using Secure Sockets Layer

#### **Detecting Intrusions and Monitoring Events**

- Intrusion Detection for Public Servers
- Event Monitoring in the Private Network

#### **Maintaining Software**

- Installing and Managing Service Packs and Hotfixes
- Automating Updates with Microsoft Software Update Services
- Deploying Updates Throughout the Network