



## Computer Consultants Corporation

### **Installing, Configuring, and Administering MS Windows 2000 Server**

**Exam 70-215**

Length of course: 4 class days (24 hours)

Prerequisites: The Windows 2000 Client Administration class.

Learning Objectives: This class is designed for network administrators and software professionals who are entrusted with supporting a network running Windows 2000 Server.

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#### **Windows 2000 Architecture**

- Networking Architecture
- Intellimirror

- Managing Operations Masters
- Sites and Site Links
- Replication Partners
- Configuring Global Catalog Servers

#### **Installing Windows 2000 Server**

- Local/Network Install
- Unattended Installation
- Configuring TCP/IP and FQDN

#### **Using Group Policy in the Enterprise**

- Configuring User Desktops
- Automatic Software Installation
- Configuring Security

#### **Using DHCP**

- Configuring DHCP Server Service
- DHCP Scopes and Options
- Integrating with Dynamic DNS

#### **Managing File Systems**

- FAT16, FAT32, NTFS5
- Managing Offline Files

#### **Working with w/ Active Directory**

- Domain Structure and Controllers
- Global Catalog
- Trees and Forests
- Trust Relationships

#### **Using Kerberos**

- The Public Key Infrastructure
- Certificates
- Smartcard Authentication

#### **Domain Name System (DNS)**

- DNS Client Configuration
- The Zone Database
- Resource Record Types
- Dynamic DNS
- DHCP and DNS Integration

#### **Security**

- Host and Network Security
- Setting Permissions
- Encrypting File System Operation
- Encrypting with IPsec

#### **Installing the Active Directory**

- Delegating Administrative Control
- Domains and Organizational Units
- Using dcpromo to install AD

#### **Remote Access and VPN's**

- RAS & VPN Operation
- PPTP and L2TP

#### **User Management in the AD**

- Creating Users
- Local and Global Groups
- User Account Properties

#### **Printers**

- . Installing & Sharing Printers

#### **The Terminal Server**

- Remote Control of Desktops

#### **Troubleshooting**

- Booting Using NT Safe Mode
- System Backup and Recovery
- Restoring Active Directory

#### **Using a LDAP and a MetaDirectory**

#### **Replicating the Active Directory**