



Computer Consultants Corporation

Managing & Maintaining a Windows 2003 Server Environment

Exam 70-290

Length of course: 4 class days (24 hours)

Prerequisites: The Windows 2000 or Windows XP Client Administration class.

Learning Objectives: This class is designed for network administrators and engineers who are entrusted with the task of supporting a network running Windows 2003 Server. The class prepares the participant for the MS-Exam 70-290.

Windows 2003 Architecture

- . Networking Architecture
- . Intellimirror

Managing Physical and Logical Devices

- Manage basic disks and dynamic disks
- Monitor server hardware
 - Device Manager
 - Hardware Troubleshooting Wizard
 - Control Panel items
- Optimize server disk performance
- Implement a RAID solution
- Defragment volumes and partitions

Install and configure server hardware devices.

- Configure driver signing options
- Configure resource settings for a device
- Configure device properties and settings

Managing Users, Computers, and Groups

- Manage local, roaming, and mandatory user profiles
- Create and manage computer accounts in an Active Directory environment
- Create and manage groups
- Identify and modify the scope of a group
- Find domain groups in which a user is a member
- Manage group membership
- Users and Computers MMC snap-in
- Create and modify groups by using automation
- Import user accounts

Troubleshoot computer and user accounts

- Reset computer accounts
- Diagnose and resolve account lockouts.
- Diagnose and resolve issues related to user account properties

Manage a Web server

- Manage Internet Information Services (IIS)
- Manage security for IIS

Troubleshoot user authentication issues

- Managing and Maintaining Access to Resources
- Configure access to shared folders
- Manage shared folder permissions
- Diagnose and resolve issues related to Terminal Services security
- Diagnose and resolve issues related to client access to Terminal Services

Configure file system permissions

- Verify effective permissions when granting permissions
- Change ownership of files and folders
- Troubleshoot access to files and shared folders
- Managing and Maintaining a Server Environment
- Monitor and analyze events
- Manage software update infrastructure
- Manage a server by using Remote Assistance
- Manage a server by using Terminal Services

Troubleshoot print queues and performance

- Monitor system performance
- Monitor file and print servers
- Monitor disk quotas
- Monitor print queues
- Monitor server hardware for bottlenecks

Optimize a server for application performance

- Monitor memory & disk performance objects
- Monitor network performance objects
- Monitor process performance objects

Manage backup procedures

- Verify the successful completion of backup jobs
- Manage backup storage media
- Recover from server hardware failure
- Restore backup data
- Schedule backup jobs