



Exam 70-284

Implementing and managing Microsoft Exchange Server 2003

Installing, Configuring, and Troubleshooting Exchange Server 2003

- Prepare the environment for deployment of Exchange Server 2003
- Install, configure, and troubleshoot Exchange Server 2003
- Install, configure, and troubleshoot Exchange Server 2003 in a clustered environment
- Upgrade from Exchange Server 5.5 to Exchange Server 2003
- Migrate from other messaging systems to Exchange Server 2003
- Use the Migration Wizard to migrate from other messaging systems
- Migrate from other Exchange organizations

Configure and troubleshoot Exchange Server 2003 for coexistence with other Exchange organizations

- Configure and troubleshoot Exchange Server 2003 for coexistence with other messaging systems
- Configure and troubleshoot Exchange Server 2003 for interoperability with other SMTP messaging systems
- Managing, Monitoring, and Troubleshooting Exchange Server Computers
- Manage, monitor, and troubleshoot server health
- Manage, monitor, and troubleshoot data storage

Manage, monitor, and troubleshoot Exchange Server clusters

- Perform and troubleshoot backups and recovery
- Remove an Exchange Server computer from the organization
- Managing, Monitoring, and Troubleshooting the Exchange Organization
- Manage and troubleshoot public folders
- Manage and troubleshoot virtual servers
- Manage and troubleshoot front-end and back-end servers
- Manage and troubleshoot connectivity
- Monitor, manage, and troubleshoot infrastructure performance
- Managing Security in the Exchange Environment
- Manage and troubleshoot connectivity across firewalls
- Manage audit settings and audit logs
- Manage and troubleshoot permissions
- Manage and troubleshoot encryption and digital signatures

Detect and respond to security threats

- Managing Recipient Objects and Address Lists
- Manage recipient policies
- Manage user objects
- Manage distribution and security groups
- Manage contacts
- Manage address lists
- Managing and Monitoring Technologies that Support Exchange Server 2003
- Diagnose problems arising from host resolution protocols
- Diagnose problems arising from Active Directory issues
- Diagnose network connectivity problems



MCSE 2003 COURSE OUTLINE

Exam 70-297:

Designing a Microsoft Windows Server 2003 Active Directory and Network Infrastructure

Creating the Conceptual Design by Gathering and Analyzing Business and Technical Requirements

- Analyze the impact of Active Directory on the existing technical environment.
- Analyze hardware and software requirements.
- Analyze interoperability requirements.
- Analyze current level of service within an existing technical environment.
- Analyze current network administration model.
- Analyze network requirements.
- Analyze DNS for Active Directory directory service implementation.
- Analyze the current DNS infrastructure.
- Analyze the current namespace.
- Analyze existing network operating system implementation.
- Identify the existing domain model.
- Identify the number and location of domain controllers on the network.
- Identify the configuration details of all servers on the network. Server types might include primary domain controllers, backup domain controllers, file servers, print servers, and Web servers.
- Analyze security requirements for the Active Directory directory service.
- Analyze current security policies, standards, and procedures.
- Identify the impact of Active Directory on the current security infrastructure.
- Identify the existing trust relationships.
- Design the Active Directory infrastructure to meet business and technical requirements.
- Design the envisioned administration model.
- Create the conceptual design of the Active Directory forest structure.
- Create the conceptual design of the Active Directory domain structure.
- Design the Active Directory replication strategy.
- Create the conceptual design of the organizational unit (OU) structure.
- Design the network services infrastructure to meet business and technical requirements.
- Create the conceptual design of the DNS infrastructure.
- Create the conceptual design of the WINS infrastructure.
- Create the conceptual design of the DHCP infrastructure.
- Create the conceptual design of the remote access infrastructure.
- Identify network topology and performance levels.
- Identify constraints in the current network infrastructure.
- Interpret current baseline performance requirements for each major subsystem.
- Analyze the impact of the infrastructure design on the existing technical environment.
- Analyze hardware and software requirements.
- Analyze interoperability requirements.
- Analyze current level of service within the existing technical environment.
- Analyze network requirements.

Creating the Logical Design for an Active Directory Infrastructure

- Design an OU structure.
- Identify the Group Policy requirements for the OU structure.
- Design an OU structure for the purpose of delegating authority.
- Design a security group strategy.
- Define the scope of a security group to meet requirements.
- Define resource access requirements.



MCSE 2003 COURSE OUTLINE

- Define administrative access requirements.
- Define user roles.
- Design a user and computer authentication strategy.
- Identify common authentication requirements.
- Select authentication mechanisms.
- Optimize authentication by using shortcut trust relationships.
- Design a user and computer account strategy.
- Specify account policy requirements.
- Specify account requirements for users, computers, administrators, and services.
- Design an Active Directory naming strategy.
- Identify Internet domain name registration requirements.
- Specify the use of hierarchical namespace within Active Directory.
- Identify NetBIOS naming requirements.
- Design migration paths to Active Directory.
- Define whether the migration will include an in-place upgrade, domain restructuring, or migration to a new Active Directory environment.
- Design a strategy for Group Policy implementation.
- Design the administration of Group Policy objects (GPOs).
- Design the deployment strategy of GPOs.
- Create a strategy for configuring the user environment with Group Policy.
- Create a strategy for configuring the computer environment with Group Policy.
- Design an Active Directory directory service site topology.
- Design sites.
- Identify site links.

Creating the Logical Design for a Network Services Infrastructure

- Design a DNS name resolution strategy.
- Create the namespace design.
- Identify DNS interoperability with Active Directory, WINS, and DHCP.
- Specify zone requirements.
- Specify DNS security.
- Design a DNS strategy for interoperability with UNIX Berkeley Internet Name Domain (BIND) to support Active Directory.
- Design a NetBIOS name resolution strategy.
- Design a WINS replication strategy.
- Design security for remote access users.
- Identify security host requirements.
- Identify the authentication and accounting provider.
- Design remote access policies.
- Specify logging and auditing settings.
- Design a DNS service implementation.
- Design a strategy for DNS zone storage.
- Specify the use of DNS server options.
- Identify the registration requirements of specific DNS records.
- Design a remote access strategy.
- Specify the remote access method.
- Specify the authentication method for remote access.
- Design an IP address assignment strategy.



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- Specify DHCP integration with DNS infrastructure.
- Specify DHCP interoperability with client types.

Creating the Physical Design for an Active Directory and Network Infrastructure

- Design DNS service placement.
- Design an Active Directory implementation plan.
- Design the placement of domain controllers and global catalog servers.
- Plan the placement of flexible operations master roles.
- Select the domain controller creation process.
- Specify the server specifications to meet system requirements.
- Design Internet connectivity for a company.
- Design a network and routing topology for a company.
- Design a TCP/IP addressing scheme through the use of IP subnets.
- Specify the placement of routers.
- Design IP address assignment by using DHCP.
- Design a perimeter network.
- Design the remote access infrastructure.
- Plan capacity.
- Ascertain network settings required to access resources.
- Design for availability, redundancy, and survivability.

Exam 70-294

Planning, Implementing, and Maintaining a Microsoft Windows Server 2003 Active Directory Infrastructure

Planning and Implementing an Active Directory Infrastructure

- Plan a strategy for placing global catalog servers.
- Evaluate network traffic considerations when placing global catalog servers.
- Evaluate the need to enable universal group caching.
- Plan flexible operations master role placement.
- Plan for business continuity of operations master roles.
- Identify operations master role dependencies.
- Implement an Active Directory directory service forest and domain structure.
- Create the forest root domain.
- Create a child domain.
- Create and configure Application Data Partitions.
- Install and configure an Active Directory domain controller.
- Set an Active Directory forest and domain functional level based on requirements.
- Establish trust relationships. Types of trust relationships might include external trusts, shortcut trusts, and cross-forest trusts.
- Implement an Active Directory site topology.
- Configure site links.
- Configure preferred bridgehead servers.
- Plan an administrative delegation strategy.
- Plan an organizational unit (OU) structure based on delegation requirements.
- Plan a security group hierarchy based on delegation requirements.

Managing and Maintaining an Active Directory Infrastructure

- Manage an Active Directory forest and domain structure.
- Manage trust relationships.
- Manage schema modifications.



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- Add or remove a UPN suffix.
- Manage an Active Directory site.
- Configure replication schedules.
- Configure site link costs.
- Configure site boundaries.
- Monitor Active Directory replication failures. Tools might include Replication Monitor, Event Viewer, and support tools.
- Monitor Active Directory replication.
- Monitor File Replication service (FRS) replication.
- Restore Active Directory directory services.
- Perform an authoritative restore operation.
- Perform a nonauthoritative restore operation.
- Troubleshoot Active Directory.
- Diagnose and resolve issues related to Active Directory replication.
- Diagnose and resolve issues related to operations master role failure.
- Diagnose and resolve issues related to the Active Directory database.

Planning and Implementing User, Computer, and Group Strategies

- Plan a security group strategy.
- Plan a user authentication strategy.
- Plan a smart card authentication strategy.
- Create a password policy for domain users.
- Plan an OU structure.
- Analyze the administrative requirements for an OU.
- Analyze the Group Policy requirements for an OU structure.
- Implement an OU structure.
- Create an OU.
- Delegate permissions for an OU to a user or to a security group.
- Move objects within an OU hierarchy.
- Planning and Implementing Group Policy
- Plan Group Policy strategy.
- Plan a Group Policy strategy by using Resultant Set of Policy (RSoP) Planning mode.
- Plan a strategy for configuring the user environment by using Group Policy.
- Plan a strategy for configuring the computer environment by using Group Policy.
- Configure the user environment by using Group Policy.
- Distribute software by using Group Policy.
- Automatically enroll user certificates by using Group Policy.
- Redirect folders by using Group Policy.
- Configure user security settings by using Group Policy.
- Deploy a computer environment by using Group Policy.
- Distribute software by using Group Policy.
- Automatically enroll computer certificates by using Group Policy.
- Configure computer security settings by using Group Policy.

Managing and Maintaining Group Policy

- Troubleshoot issues related to Group Policy application. deployment. Tools might include RSoP and the gpresult command.
- Maintain installed software by using Group Policy.
- Distribute updates to software distributed by Group Policy.
- Configure automatic updates for network clients by using Group Policy.



MCSE 2003 COURSE OUTLINE

Exam 70-293:

Planning and Maintaining a Microsoft Windows Server 2003 Network Infrastructure

Planning and Implementing Server Roles and Server Security

- Configure security for servers that are assigned specific roles.
- Plan a secure baseline installation.
- Plan a strategy to enforce system default security settings on new systems.
- Identify client operating system default security settings.
- Identify all server operating system default security settings.
- Plan security for servers that are assigned specific roles. Roles might include domain controllers, Web servers, database servers, and mail servers.
- Deploy the security configuration for servers that are assigned specific roles.
- Create custom security templates based on server roles.
- Evaluate and select the operating system to install on computers in an enterprise.
- Identify the minimum configuration to satisfy security requirements.

Planning, Implementing, and Maintaining a Network Infrastructure

- Plan a TCP/IP network infrastructure strategy.
- Analyze IP addressing requirements.
- Plan an IP routing solution.
- Create an IP subnet scheme.
- Plan and modify a network topology.
- Plan the physical placement of network resources.
- Identify network protocols to be used.
- Plan an Internet connectivity strategy.
- Plan network traffic monitoring. Tools might include Network Monitor and System Monitor.
- Troubleshoot connectivity to the Internet.
- Diagnose and resolve issues related to Network Address Translation (NAT).
- Diagnose and resolve issues related to name resolution cache information.
- Diagnose and resolve issues related to client configuration.
- Troubleshoot TCP/IP addressing.
- Diagnose and resolve issues related to client computer configuration.
- Diagnose and resolve issues related to DHCP server address assignment.
- Plan a host name resolution strategy.
- Plan a DNS namespace design.
- Plan zone replication requirements.
- Plan a forwarding configuration.
- Plan for DNS security.
- Examine the interoperability of DNS with third-party DNS solutions.
- Plan a NetBIOS name resolution strategy.
- Plan a WINS replication strategy.
- Plan NetBIOS name resolution by using the Lmhosts file.
- Troubleshoot host name resolution.
- Diagnose and resolve issues related to DNS services.
- Diagnose and resolve issues related to client computer configuration.



MCSE 2003 COURSE OUTLINE

Planning, Implementing, and Maintaining Routing and Remote Access

- Plan a routing strategy.
- Identify routing protocols to use in a specified environment.
- Plan routing for IP multicast traffic.
- Plan security for remote access users.
- Plan remote access policies.
- Analyze protocol security requirements.
- Plan authentication methods for remote access clients.
- Implement secure access between private networks.
- Create and implement an IPSec policy.
- Troubleshoot TCP/IP routing. Tools might include the route, tracer, ping, pathping, and netsh commands and Network Monitor.

Planning, Implementing, and Maintaining Server Availability

- Plan services for high availability.
- Plan a high availability solution that uses clustering services.
- Plan a high availability solution that uses Network Load Balancing.
- Identify system bottlenecks, including memory, processor, disk, and network related bottlenecks.
- Identify system bottlenecks by using System Monitor.
- Implement a cluster server.
- Recover from cluster node failure.
- Manage Network Load Balancing. Tools might include the Network Load Balancing Monitor Microsoft Management Console (MMC) snap-in and the WLBS cluster control utility.
- Plan a backup and recovery strategy.
- Identify appropriate backup types. Methods include full, incremental, and differential.
- Plan a backup strategy that uses volume shadow copy.
- Plan system recovery that uses Automated System Recovery (ASR).

Planning and Maintaining Network Security

- Configure network protocol security.
- Configure protocol security in a heterogeneous client computer environment.
- Configure protocol security by using IPSec policies.
- Configure security for data transmission.
- Configure IPSec policy settings.
- Plan for network protocol security.
- Specify the required ports and protocols for specified services.
- Plan an IPSec policy for secure network communications.
- Plan secure network administration methods.
- Create a plan to offer Remote Assistance to client computers.
- Plan for remote administration by using Terminal Services.
- Plan security for wireless networks.
- Plan security for data transmission.
- Secure data transmission between client computers to meet security requirements.
- Secure data transmission by using IPSec.
- Troubleshoot security for data transmission. Tools might include the IP Security Monitor MMC snap-in and the Resultant Set of Policy (RSOP) MMC snap-in.



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Planning, Implementing, and Maintaining Security Infrastructure

- Configure Active Directory directory service for certificate publication.
- Plan a public key infrastructure (PKI) that uses Certificate Services.
- Identify the appropriate type of certificate authority to support certificate issuance requirements.
- Plan the enrollment and distribution of certificates.
- Plan for the use of smart cards for authentication.
- Plan a framework for planning and implementing security.
- Plan for security monitoring.
- Plan a change and configuration management framework for security.
- Plan a security update infrastructure. Tools might include Microsoft Baseline Security Analyzer and Microsoft Software Update Services.

Exam 70-291:

Implementing, Managing, and Maintaining a Microsoft Windows Server 2003 Network Infrastructure

Implementing, Managing, and Maintaining IP Addressing

- Configure TCP/IP addressing on a server computer.
- Manage DHCP.
- Manage DHCP clients and leases.
- Manage DHCP Relay Agent.
- Manage DHCP databases.
- Manage DHCP scope options.
- Manage reservations and reserved clients.
- Troubleshoot TCP/IP addressing.
- Diagnose and resolve issues related to Automatic Private IP Addressing (APIPA).
- Diagnose and resolve issues related to incorrect TCP/IP configuration.
- Troubleshoot DHCP.
- Diagnose and resolve issues related to DHCP authorization.
- Verify DHCP reservation configuration.
- Examine the system event log and DHCP server audit log files to find related events.
- Diagnose and resolve issues related to configuration of DHCP server and scope options.
- Verify that the DHCP Relay Agent is working correctly.
- Verify database integrity.

Implementing, Managing, and Maintaining Name Resolution

- Install and configure the DNS Server service.
- Configure DNS server options.
- Configure DNS zone options.
- Configure DNS forwarding.
- Manage DNS.
- Manage DNS zone settings.
- Manage DNS record settings.
- Manage DNS server options.
- Monitor DNS. Tools might include System Monitor, Event Viewer, Replication Monitor, and DNS debug logs.



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Implementing, Managing, and Maintaining Network Security

- Implement secure network administration procedures.
- Implement security baseline settings and audit security settings by using security templates.
- Implement the principle of least privilege.
- Monitor network protocol security. Tools might include the IP Security Monitor Microsoft Management Console (MMC) snap-in and Kerberos support tools.
- Troubleshoot network protocol security. Tools might include the IP Security Monitor MMC snap-in, Event Viewer, and Network Monitor.

Implementing, Managing, and Maintaining Routing and Remote Access

- Configure Routing and Remote Access user authentication.
- Configure remote access authentication protocols.
- Configure Internet Authentication Service (IAS) to provide authentication for Routing and Remote Access clients.
- Configure Routing and Remote Access policies to permit or deny access.
- Manage remote access.
- Manage packet filters.
- Manage Routing and Remote Access routing interfaces.
- Manage devices and ports.
- Manage routing protocols.
- Manage Routing and Remote Access clients.
- Manage TCP/IP routing.
- Manage routing protocols.
- Manage routing tables.
- Manage routing ports.
- Implement secure access between private networks.
- Troubleshoot user access to remote access services.
- Diagnose and resolve issues related to remote access VPNs.
- Diagnose and resolve issues related to establishing a remote access connection.
- Diagnose and resolve user access to resources beyond the remote access server.
- Troubleshoot Routing and Remote Access routing.
- Troubleshoot demand-dial routing.
- Troubleshoot router-to-router VPNs.

Maintaining a Network Infrastructure

- Monitor network traffic. Tools might include Network Monitor and System Monitor.
- Troubleshoot connectivity to the Internet.
- Troubleshoot server services.
- Diagnose and resolve issues related to service dependency.
- Use service recovery options to diagnose and resolve service-related issues.

Exam 70-290:

Managing and Maintaining a Microsoft Windows Server 2003 Environment

Managing and Maintaining Physical and Logical Devices

- Manage basic disks and dynamic disks.
- Monitor server hardware. Tools might include Device Manager, the Hardware Troubleshooting Wizard, and appropriate Control Panel items.
- Optimize server disk performance.
- Implement a RAID solution.



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- 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.
- Create and modify groups by using the Active Directory Users and Computers Microsoft Management Console (MMC) snap-in.
- Create and modify groups by using automation.
- Create and manage user accounts.
- Create and modify user accounts by using the Active Directory Users and Computers MMC snap-in.
- Create and modify user accounts by using automation.
- Import user accounts.
- Troubleshoot computer accounts.
- Diagnose and resolve issues related to computer accounts by using the Active Directory Users and Computers MMC snap-in.
- Reset computer accounts.
- Troubleshoot user accounts.
- Diagnose and resolve account lockouts.
- Diagnose and resolve issues related to user account properties.
- Troubleshoot user authentication issues.

Managing and Maintaining Access to Resources

- Configure access to shared folders.
- Manage shared folder permissions.
- Troubleshoot Terminal Services.
- 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. Tools might include Event Viewer and System Monitor.
- Manage software update infrastructure.
- Manage software site licensing.
- Manage servers remotely.
- Manage a server by using Remote Assistance.
- Manage a server by using Terminal Services remote administration mode.
- Manage a server by using available support tools.
- Troubleshoot print queues.
- Monitor system performance.



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- Monitor file and print servers. Tools might include Task Manager, Event Viewer, and System Monitor.
- Monitor disk quotas.
- Monitor print queues.
- Monitor server hardware for bottlenecks.
- Monitor and optimize a server environment for application performance.
- Monitor memory performance objects.
- Monitor network performance objects.
- Monitor process performance objects.
- Monitor disk performance objects.
- Manage a Web server.
- Manage Internet Information Services (IIS).
- Manage security for IIS.

Managing and Implementing Disaster Recovery

- Perform system recovery for a server.
- Implement Automated System Recovery (ASR).
- Restore data from shadow copy volumes.
- Back up files and System State data to media.
- Configure security for backup operations.
- 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.

Course Outline: Exam 70-270:

Installing, Configuring, and Administering Microsoft Windows® XP Professional

Installing Windows XP Professional

- Perform and troubleshoot an attended installation of Windows XP Professional.
- Perform and troubleshoot an unattended installation of Windows XP Professional.
- Install Windows XP Professional by using Remote Installation Services (RIS).
- Install Windows XP Professional by using the System Preparation Tool.
- Create unattended answer files by using Setup Manager to automate the installation of Windows XP Professional.
- Upgrade from a previous version of Windows to Windows XP Professional.
- Prepare a computer to meet upgrade requirements.
- Migrate existing user environments to a new installation.
- Perform post-installation updates and product activation.
- Troubleshoot failed installations.

Implementing and Conducting Administration of Resources

- Monitor, manage, and troubleshoot access to files and folders.
- Configure, manage, and troubleshoot file compression.
- Control access to files and folders by using permissions.
- Optimize access to files and folders.
- Manage and troubleshoot access to shared folders.
- Create and remove shared folders.



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- Control access to shared folders by using permissions.
- Manage and troubleshoot Web server resources.
- Connect to local and network print devices.
- Manage printers and print jobs.
- Control access to printers by using permissions.
- Connect to an Internet printer.
- Connect to a local print device.
- Configure and manage file systems.
- Convert from one file system to another file system.
- Configure NTFS, FAT32, or FAT file systems.
- Manage and troubleshoot access to and synchronization of offline files.

Implementing, Managing, Monitoring, and Troubleshooting Hardware Devices and Drivers

- Implement, manage, and troubleshoot disk devices.
- Install, configure, and manage DVD and CD-ROM devices.
- Monitor and configure disks.
- Monitor, configure, and troubleshoot volumes.
- Monitor and configure removable media, such as tape devices.
- Implement, manage, and troubleshoot display devices.
- Configure multiple-display support.
- Install, configure, and troubleshoot a video adapter.
- Configure Advanced Configuration Power Interface (ACPI).
- Implement, manage, and troubleshoot input and output (I/O) devices.
- Monitor, configure, and troubleshoot I/O devices, such as printers, scanners, multimedia devices, mouse, keyboard, and smart card reader.
- Monitor, configure, and troubleshoot multimedia hardware, such as cameras.
- Install, configure, and manage modems.
- Install, configure, and manage Infrared Data Association (IrDA) devices.
- Install, configure, and manage wireless devices.
- Install, configure, and manage USB devices.
- Install, configure, and manage hand held devices.
- Install, configure, and manage network adapters.
- Manage and troubleshoot drivers and driver signing.
- Monitor and configure multiprocessor computers.

Monitoring and Optimizing System Performance and Reliability

- Monitor, optimize, and troubleshoot performance of the Windows XP Professional desktop.
- Optimize and troubleshoot memory performance.
- Optimize and troubleshoot processor utilization.
- Optimize and troubleshoot disk performance.
- Optimize and troubleshoot application performance.
- Configure, manage, and troubleshoot Scheduled Tasks.
- Manage, monitor, and optimize system performance for mobile users.
- Restore and back up the operating system, System State data, and user data.
- Recover System State data and user data by using Windows Backup.
- Troubleshoot system restoration by starting in safe mode.
- Recover System State data and user data by using the Recovery console.

Configuring and Troubleshooting the Desktop Environment

- Configure and manage user profiles and desktop settings.
- Configure support for multiple languages or multiple locations.



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- Enable multiple-language support.
- Configure multiple-language support for users.
- Configure local settings.
- Configure Windows XP Professional for multiple locations.
- Manage applications by using Windows Installer packages.

Implementing, Managing, and Troubleshooting Network Protocols and Services

- Configure and troubleshoot the TCP/IP protocol.
- Connect to computers by using dial-up networking.
- Connect to computers by using a virtual private network (VPN) connection.
- Create a dial-up connection to connect to a remote access server.
- Connect to the Internet by using dial-up networking.
- Configure and troubleshoot Internet Connection Sharing (ICS).
- Connect to resources by using Internet Explorer.
- Configure, manage, and implement Internet Information Services (IIS).
- Configure, manage, and troubleshoot Remote Desktop and Remote Assistance.
- Configure, manage, and troubleshoot an Internet Connection Firewall (ICF).

Configuring, Managing, and Troubleshooting Security

- Configure, manage, and troubleshoot Encrypting File System (EFS).
- Configure, manage, and troubleshoot a security configuration and local security policy.
- Configure, manage, and troubleshoot local user and group accounts.
- Configure, manage, and troubleshoot auditing.
- Configure, manage, and troubleshoot account settings.
- Configure, manage, and troubleshoot account policy.
- Configure, manage, and troubleshoot user and group rights.
- Troubleshoot cache credentials.
- Configure, manage, and troubleshoot Internet Explorer security settings.