

MCSE

Curriculum

Exam 70-270: Installing, Configuring and Administering Microsoft Windows®

XP Professional:

- Installing Windows XP Professional.
- Unattended Installation of Windows XP.
- Implementing, Managing and Troubleshooting Hardware Devices and Drivers.
- Assigning IP address to the systems.
- Joining computers in a Workgroup.
- Manage and troubleshoot access to shared folders.
- Offline Files.
- Local Users and Groups.
- Share and NTFS Permissions.
- Local Security Policy and Audit Policy
- Remote Desktop and Remote Assistance
- Monitoring and Optimizing System Performance and Reliability.
- Configuring and Troubleshooting the Desktop Environment.
- Mobile Computing.
- Configure, manage and troubleshoot Internet Explorer security settings.
- Modifying and Troubleshooting the Boot Process.
- Advanced Startup Options
- Windows XP Recovery and Recovery Console.

Exam 70-290: Managing and Maintaining a Microsoft Windows Server 2003:

- Introducing Microsoft Windows Server 2003.
- Manage basic disks and dynamic disks.
- Installing Active Directory on Windows Server 2003.
- Managing Users, Computers and Groups.
- User account, User Profile and Home Folder.
- Implement Disk Quota and Shadow Copy.
- Domain Security Policy.
- Event Viewer and Task Manager.
- IIS 6.0
- Configure and manage print server.
- Terminal Services.
- Manage backup procedures and recover from the backup
- Managing and Implementing Disaster Recovery.

70-291: Implementing, Managing and maintaining Windows Server 2003

Network Infrastructure:

- Understanding Windows Server 2003 Networks
- Understanding TCP / IP
- Monitoring and Troubleshooting TCP / IP Connections
- Configuring DHCP Servers and Clients • Monitoring and Troubleshooting DHCP
- Configuring DNS Server and Clients
- Implementing a DNS Infrastructure
- Monitoring and Troubleshooting DNS
- Routing With Windows Server 2003 – Part I
- Routing with Windows Server 2003 – Part II
- Configuring and Managing Remote Access
- Managing Network Security
- Monitoring Network Infrastructure

Exam 70-293 : Planning and Maintaining a Microsoft Windows Server 2003

Network Infrastructure:

- Remote Access Dial In User Service
- Planning a Network Topology
- Planning a TCP / IP Network Infrastructure
- Planning Internet Connectivity
- Planning a Name Resolution Strategy
- Using Routing and Routing and Remote Access
- Maintaining Server Availability
- Clustering Servers
- Planning a Secure Baseline Installation
- Hardening Servers
- Deploying Security Configurations
- Creating and Managing Digital Certificates
- Securing Network Communications Using IPSec
- Designing a Security Infrastructure.

Exam 70-294: Planning, Implementing and Maintaining a Microsoft Windows Server 2003 Active Directory Infrastructure:

- Planning and Implementing an Active Directory Infrastructure.
- Installing and Managing Domains, Trees, and Forests.
- FSMO Roles
- AD Domains and Trust.
- Configuring Sites and Managing Replication and Global Catalog.
- Administering User Accounts
- Administering Groups
- Administering Active Directory Objects

- Implementing and Planning an OU Structure.
- AD and OU Delegation.
- Planning and Implementing Group Policy.
- Managing and Maintaining Group Policy.
- Deploying Software with Group Policy.
- Resultant Set of Policy.

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.
- Creating the Logical Design for an Active Directory Infrastructure.
- Creating the Logical Design for a Network Services Infrastructure.
- Creating the Physical Design for an Active Directory and Network Infrastructure.
- Design a DNS service implementation.
- Design a NetBIOS name resolution strategy.
- Design a network and routing topology for a company.
- Design Internet connectivity for a company.

Exam 70-298 : Designing Security for a Microsoft Windows Server 2003 Network:

- Creating the Conceptual Design for Network. Infrastructure Security by Gathering and Analyzing Business and Technical Requirements.
- Creating the Logical Design for Network Infrastructure Security.
- Creating the Physical Design for Network Infrastructure Security.
- Design a public key infrastructure (PKI) that uses Certificate Services.
- Design security for network management.
- Design security for wireless networks.
- Design user authentication for Internet Information Services (IIS).
- Design security for communication between networks.
- Designing an Access Control Strategy for Data.
- Creating the Physical Design for Client Infrastructure Security.

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.
- Upgrade from Exchange Server 5.5 to Exchange Server 2003.
- Migrate from other messaging systems to Exchange Server 2003.
- Configure Exchange 2003 for inter-operability with other SMTP messaging systems.
- Managing, Monitoring and Troubleshooting Exchange Server Computers.

- Perform and troubleshoot backups and recovery.
- Manage, monitor and troubleshoot data storage.
- Manage and troubleshoot public folders.
- Manage and troubleshoot virtual servers.
- Manage and troubleshoot front-end and back-end servers.
- Managing Security in the Exchange Environment.
- Managing Recipient Objects and Address Lists.

OR

Exam 70-236 : Exchange Server 2007,configuring:

- Introducing Exchange Server 2007
- Installing Exchange Server 2007
- Managing Recipients in Exchange 2007
- Managing the Exchange 2007 Mailbox Server Role
- Managing the Client Access Server
- Managing the Hub Transport Server Role
- Managing the Edge Transport Server
- High Availability for Exchange 2007 Mailbox Servers
- Disaster Recovery with Exchange Server 2007
- Transitioning from Exchange 2000 or 2003 to Exchange 2007
- Introduction to Exchange Server 2007 Unified Messaging



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