

NETWORKING – MICROSOFT CERTIFIED SYSTEMS ENGINEER (MCSE) CERTIFICATION COURSE CONTENT

IMPLEMENTING MS WINDOWS 2003 NETWORK, PROFESSIONAL & SERVER (70-290) & (70-270)
Introduction to various types of file system.

- Introduction to windows 2003 network, XP-professional.
- Administration of windows 2003network.
- Examine the network scope of windows 2003 server.
- Introduction to LAN & WAN.
- Networking topologies.
- Examining to IP address (Class A, Class B, Class C)
- OSI Reference Model
- Connecting windows 2003 server & XP professional in workgroup& Domain architecture
- Creating & managing Local Users & Groups
- Configuration of Printers (a) Local Printers (b) Network Printer
- Configuration of Raid levels (Raid level 0,1 & 5)
- Ensure file security through Encrypting file system (EFS)

IMPLEMENTING & ADMINISTERING MS WINDOWS 2003 DIRECTORY SERVICES (70-294)

- Introduction to Active Directory Services (ADS)
- Configuration of Active Directory Services by using DCPRMO
- Implementing of Active Directory with DNS
- Creation of Domain Users
- Implementing Group Policies
- Creation of Organizational Units
- Moving Domain Users into other Organizational Units
- Configuration of software Deployment using Adminpack (Group Policy)

- Configuration of delegating administrative controls
- Configuration of Distributed File System (DFS)
- Creating Multiple links in DFS
- Mapping Network Drive to access DFS from client
- Configuration of Terminal Services at server side
- Configuration of Remote Desktop using Terminal Services
- Introduction to Trees & Forest
- Introduction to Domain & Domain

IMPLEMENTING & ADMINISTERING, MS WINDOWS 2003
NETWORK INFRASTRUCTURE & DESINGING (70-291) & (70-293)

- - DISK QUOTAS
 - Introduction to Disk Quotas
 - Applying Disk Quotas
 - Setting Default limits
 - Deleting user's Quota Entries
 - Applying log events
 - Tracking Disk Space Users
 - Adding new quota Entries
 - Denying disk space to user

DNS

- - Installing DNS Servers
 - Integration of DNS with ADS
 - Configuring a new Primary server
 - Managing Forward lookup zone
 - Managing Reverse lookup zone
 - Adding records in zones
 - Creating Associated Pointer Records in zones

DHCP

- - Installing DHCP
 - Creating Scopes
 - Configuring DHCP clients

- Configuration of address Pool
- Configuration of address lease
- Updating DHCP statistics
- Assigning exclusionRange from a scope
- Assigning Reservation for Particular client

IIS

- Installing IIS
- Configuration of IIS for websites
- Configuration of ICS (Internet Connection Sharing)

DESIGN A MICROSOFT WINDOWS 2003 SERVER ACTIVE DIRECTORY SERVICES & NETWORK INFRASTRUCTURE

- Introduction to RAS (or) PPP Server
- Configuration of RAS Server
- Configuration of RAS Client
- Assigning Permission for RAS users
- Introduction to NAT Server
- Introduction to VPN Server
- Establishing VPN Tunnel between two Networks
- Configuration of VPN Clients
- Introduction to tree & Forest
- Introduction to Additional Domain Controller
- Planning & Configuration of Additional Domain Controller
- Introduction to Child Domain Controller
- Configuration of Child Domain Controllers
- Removing Child Domain Controller
- Introduction to ADS Backups
- Planning & Configuration of ADS
- Restoring ADS backup in ADS restore mode
- Restoring ADS backup in normal mode
- MS EXCHANGE 2003 SERVER & ADV. EXCHANGE 2003 SERVER (70 – 284)
- Introduction to Microsoft exchange 2003 server
- MAPI clients, LDAP standards
- Public folders
- Pre-Installation consideration(HW/SW Requirements)

- Post-Installation Consideration
- Managing Storage Groups
- Creating a storage group
- Creating a store(both mail box & public store)
- Moving a Mail Box
- Deleting Mail Box, Public folder, Storage group
- Retaining Deleted Objects
- Public Folders
- Understanding Public Folders
- Managing Public Folders Trees
- Creating & Deleting Public Folders
- Exchange Internet protocol server & virtual services
- SMTP, POP3, IMAP4, NNTP