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## MCSE Online Training:

An MCSE (Microsoft Certified Systems Engineer) is related to desktop systems, networking, and Microsoft BackOffice server products. Microsoft Certified Solutions Expert is an expert level credential from Microsoft. It is part of the MCP (Microsoft Certified Professional) certification programs taken by professionals to validate their knowledge and expertise on some of the most popular Microsoft products and services. Employers are always on the lookout for MCSE certified individuals to administer, deploy, operate and optimize Microsoft based technology solutions in enterprise environments.

## Types of MCSE Certifications 2019:

There are 5 types of MCSE certifications:

**MCSE:** Business Applications - MCSE Business Applications certification provides you with the expertise to work with and manage Microsoft Dynamics 365 technologies.

**MCSE:** Cloud Platform and Infrastructure - MCSE Cloud Platform and Infrastructure certification enable you to understand the skills required to manage a highly efficient and modern data center.

**MCSE:** Data Management and Analytics - MCSE Data Management and Analytics certification validate your skills in SQL administration, building enterprise-scale data solutions and making maximum use of the business intelligence data, both on-premises and in-cloud environments.



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**MCSE: Mobility** - Acquiring a certification in MCSE Mobility enables you to manage devices in enterprises adhering to bring-your-own-device (BYOD) environment.

**MCSE Productivity Solutions Expert** - MCSE Productivity Solutions Expert certifications validate your skills of moving your organization's operations to Cloud, thus increasing user productivity and flexibility, reducing data loss and improving data security.

### 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 DCPROMO
- 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



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- 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 & DESIGNING (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



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- 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 exclusion range from a scope
- Assigning Reservation for Particular client
- Installing IIS
- Configuration of IIS for websites Configuration of ICS (Internet Connection Sharing)



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## DESIGN A MICROSOFT WINDOWS 2003 SERVER ACTIVE DIRECTORY

### SERVICES & NETWORK INFRASTRUCTURE Enabling Routing & Remote

#### Access:

- 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 a 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



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- Introduction to tree & Forest
- 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 mailbox & public store)
- Moving a Mail Box
- Deleting Mail Box, Public folder, Storage group
- Retaining Deleted Objects



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- Public Folders
- Understanding Public Folders
- Managing Public Folders Trees
- Creating & Deleting Public Folders
- Exchange Internet protocol server & virtual services
- SMTP, POP3, IMAP4, NNTP

### Our learning methods include:

- Comprehensive course selection of Instructor-Led Training
- Logistical convenience and interactive classroom experience of Online Training
- Flexible pacing and instructor-guided support of Mentored Learning
- Self-paced convenience of Online ANYTIME

### In addition:

- Interview preparation with mock interview drills
- Effective resume building
- Process of applying jobs at the right places





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