

MCITP

Windows 2008 Enterprise Edition is considered as Microsoft's most reliable, scalable and high-performing server operating system. It has been designed to simplify the process of Migration from the previous versions of windows; managing mission critical data with enhanced security technology and provides maximum server uptime for sophisticated business needs.

MCITP: Enterprise Administrator on Windows Server 2008 (5 Modules)

1. 70-620 (5115, 5116, 5347, 5354) -Windows Vista, Configuring
2. 70-640 (6424, 6425, 6426) - Windows Server 2008 Active Directory, Configuring
3. 70-642 (6041) - Windows Server 2008 Network Infrastructure, Configuring
4. 70-643 (6041) - Windows Server 2008 Application Infrastructure, Configuring
5. 70-647 (6435, 6436, 6437) - Windows Server 2008, Enterprise Administrator

1. 70-620 (5115, 5116, 5347, 5354) - Windows Vista, Configuring:

Installing and Upgrading Windows Vista

- Identify hardware requirements
- Perform a clean installation
- Upgrade to Windows Vista from previous versions
- Upgrade from one edition of Windows Vista to another edition
- Troubleshoot Windows Vista installation issues
- Install and Configure Windows Vista drivers

Configuring and troubleshooting Post-installation system settings

- Troubleshoot post-installation configuration issues
- Configure and troubleshoot Windows Aero
- Configure and troubleshoot parental control
- Configure Microsoft Internet Explorer

Configuring Windows Security features

- Configure and troubleshoot User account Control
- Configure Windows Defender
- Configure Dynamic Security for Microsoft Internet Explorer 7
- Configure Security settings in Windows Firewall

Configuring Network Connectivity

- Configuring networking by using the Network and Sharing Center
- Troubleshoot connectivity issues
- Configure remote access

Configuring applications included with Windows Vista

- Configure and troubleshoot media applications

- Configure Windows mail
- Configure Windows Meeting space
- Configure Windows Calendar
- Configure Windows Fax and Scan
- Configure Windows Sidebar

Maintaining and optimizing systems that run Windows Vista

- Troubleshoot performance issues
- Troubleshoot reliability issues by using built-in diagnostic tools
- Configure Windows update
- Configure data protection

Configuring and troubleshooting mobile computing

- Configure mobile display settings
- Configure mobile devices
- Configure Tablet PC software
- Configure power options

2. 70 – 640 (6424, 6425, 6426) - Windows Server 2008 Active Directory, Configuring:

Configuring DNS for Active Directory

- Configuring zones
- Configuring DNS server settings
- Configuring zone transfer and Replication

Configuring the AD infrastructure

- Configuring a forest or a domain
- Configuring trusts
- Configuring sites
- Configuring AD replication
- Configuring the global catalog
- Configuring operation masters

Configuring additional AD server roles

- Configuring AD Lightweight Directory Services (AD LDS)
- Configuring AD Rights Management Service (AD RMS)
- Configuring read-only domain controller (RODC)
- Configuring AD Federation Services (AD FS)

Configuring and maintaining AD objects

- Automate creation of AD accounts
- Maintain AD accounts

- Create and apply Group Policy objects (GPOs)
- Configure GPO templates
- Configure software deployment GPOs
- Configure account policies
- Configure audit policy by using GPOs

Maintaining the AD environment

- Configuring backup and recovery
- Perform offline maintenance
- Monitor AD

Configuring AD Certificate Services

- Install AD Certificate Services
- Configure CA server settings
- Manage certificate templates
- Manage Enrollments
- Manage Certificate revocations

3. 70-642 (6041) - Windows Server 2008 Network Infrastructure, Configuring:

Configuring IP Addressing and Services

- Configuring IPv4 and IPv6 addressing
- Configuring Dynamic Host Configuration Protocol (DHCP)
- Configuring routing
- Configuring IPsec

Configuring Name Resolution

- Configuring DNS Server
- Configuring DNS zones
- Configuring DNS records
- Configuring DNS replication
- Configuring name resolution for client computers

Configuring Network Access

- Configure remote access
- Configure Network Access Protection (NAP)
- Configure network authentication
- Configure wireless access
- Configure firewall settings

Configuring File and Print Services

- Configure a file server
- Configure Distributed File System (DFS)

- Configure shadow copy services
- Configure backup and restore
- Manage Disk Quotas
- Configure and monitor print services

Monitoring and Managing a Network Infrastructure

- Configure Windows Server Update Services (WSUS) server settings
- Capture performance data
- Monitor event logs
- Gather network data

4. 70-643 (6041) - Windows Server 2008 Application Infrastructure, Configuring: Deploy Servers

- Deploy images by using Windows Deployment Services
- Configure Microsoft Windows Activation
- Configure high availability
- Configure storage

Configuring Terminal Services

- Configure Windows Server 2008 Terminal Services RemoteApp (TS RemoteApp)
- Configure Terminal Services Gateway
- Configure Terminal Services load balancing
- Configure and monitor Terminal Services resources
- Configure Terminal Services Licensing
- Configure Terminal Services client connections
- Configure Terminal Services server options

Configuring a Web Services Infrastructure

- Configure Web applications
- Manage Web sites
- Configure a File Transfer Protocol (FTP) server
- Configure Simple Mail Transfer Protocol (SMTP).
- Manager Internet Information Services (IIS)
- Configure SSL security
- Configure Web site authentication and permissions

Configuring Network Application Services

- Configure Windows Media Server
- Configure Digital Rights Management (DRM)
- Configure Microsoft Windows SharePoint Services server options
- Configure Windows SharePoint Services e-mail integration.

5. 70-647 (6435, 6436, 6437) - Windows Server 2008, Enterprise Administrator:
Planning Network and Application Services

- Plan for name resolution and IP addressing
- Design for network access
- Plan for Terminal Services

Design Core Identity and Access Management Components

- Design AD forests and domains
- Design the AD physical topology
- Design the AD administrative model
- Design the enterprise-level group policy strategy

Designing Support Identity and Access Management Components

- Plan for domain or forest migration, upgrade and restructuring
- Design the branch office deployment
- Design and implement public key infrastructure
- Plan for interoperability

Design for Business Continuity and Data Availability

- Plan for business continuity
- Design for software updates and compliance management
- Design the operating system virtualization strategy
- Design for data management and data access

70-648 (covers 70-640 and 70-642) (6415, 6416)

Upgrading your MCSA on Windows Server 2003 to Windows Server 2008, TS

Configuring Network Access

- Configure remote access
- Configure Network Access Protection (NAP) components
- Configure network authentication
- Configure data transmission protocols
- Configure wireless access
- Configure certificate services
- Configure DHCP
- Configure IPv4 and IPv6
- Configure routing

Configuring the Domain Name System (DNS)

- Configure DNS
- Configure zone resolution

- Configure DNS client settings
- Configure DHCP and WINS for DNS

Deploying Servers

- Configure Windows Deployment Services (WDS)
- Capture WDS images
- Deploy WDS images
- Configure Windows Activation
- Create virtual computers
- Configure virtual server settings
- Install Windows Server Enterprise
- Install Server core

Configuring Server roles

- Implement server roles by using server manager
- Configure AD LDS
- Configure AD RMS
- Configure the AD server role
- Configure the read-only domain controller (RODC)
- Configure AD certificates services and PKI
- Configure AD Federation Services (AD FS)

Maintaining the Active Directory Environment

- Configure backup and recovery
- Perform offline maintenance
- Configure custom application directory partitions
- Configure AD DS auditing
- Configure audit policy by using Group Policy objects (GPOs)
- Monitor Active Directory

Configuring the Active Directory Infrastructure

- Configure communication security for AD
- Configure authentication