

# MCITP

## Curriculum



## 1. 70-640: Windows Server 2008 Active Directory, Configuring

### ⇒ **Configuring DNS for Active Directory**

- Configure zones
- Configure DNS server settings
- Configure zone transfers and replication

### ⇒ **Configuring the Active Directory Infrastructure**

- Configure a forest or a domain
- Configure trusts
- Configure sites
- Configure Active Directory replication
- Configure the global catalog
- Configure operations masters

### ⇒ **Configuring Active Directory roles and services**

- Configure Active Directory Lightweight Directory Service (AD LDS)
- Configure Active Directory Rights Management Service (AD RMS)
- Configure the read-only domain controller (RODC)
- Configure Active Directory Federation Services (AD FSv2)

### ⇒ **Creating and maintaining Active Directory objects**

- Automate creation of Active Directory accounts
- Maintain Active Directory accounts
- Create and apply Group Policy objects (GPOs)
- Configure GPO templates
- Deploy and manage software by using GPOs
- Configure account policies
- Configure audit policy by using GPOs

### ⇒ **Maintaining the Active Directory environment**

- Configure backup and recovery
- Perform offline maintenance
- Monitor Active Directory

### ⇒ **Configuring Active Directory Certificate Services**

- Install Active Directory Certificate Services
- Configure CA server settings
- Manage certificate templates
- Manage enrollments
- Manage certificate revocations

## 2. 70-642: Windows Server 2008 Network Infrastructure, Configuring

### ⇒ Configuring addressing and services

- Configure IPv4 and IPv6 addressing
- Configure Dynamic Host Configuration Protocol (DHCP)
- Configure routing
- Configure Windows Firewall with advanced security

### ⇒ Configuring names resolution

- Configure a Domain Name System (DNS) server
- Configure DNS zones
- Configure DNS records
- Configure DNS replication
- Configure name resolution for client computers

### ⇒ Configuring Network Access

- Configure a Domain Name System (DNS) server
- Configure DNS zones
- Configure DNS records
- Configure DNS replication
- Configure name resolution for client computers

### ⇒ Configuring File and Print services

- Configure a file server
- Configure Distributed File System (DFS)
- Configure backup and restore
- Manage file server resources
- Configure and monitor print services

### ⇒ Monitoring and managing a network infrastructure

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

## 3. 70-646: Windows Server 2008, Server Administrator

### ⇒ Planning for server deployment

- Plan server installations and upgrades
- Plan for automated server deployment
- Plan infrastructure services server roles
- Plan application servers and services
- Plan file and print server roles

### ⇒ Planning for server management

- Plan server management strategies
- Plan for delegated administration

- Plan and implement group policy strategy
- ⇒ **Monitoring and maintaining servers**
  - Implement patch management strategy
  - Monitor servers for performance evaluation and optimization
  - Monitor and maintain security and policies
- ⇒ **Planning application and data provisioning**
  - Provision applications
  - Provision data
- ⇒ **Planning for business continuity and high availability**
  - Plan storage
  - Plan high availability
  - Plan for backup and recovery



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