

MCITP 2008 R2



MCITP Enterprise Administrator on Windows Server 2008

This course was developed for IT professionals who need to design, plan, implement and support **Microsoft Windows 2003** and **2008** Networks or who plan to take the related **MCITP** exams. This 15 Day Boot Camp will prepare qualified Microsoft professionals to earn the Microsoft Certified IT Professional (MCITP): Server Administrator and MCITP: Enterprise Administrator certifications for Server 2008.

What is MCITP?

The MCITP (Microsoft Certified IT Professional) certification is a globally-recognized way to validate and promote your professional-level IT knowledge, competence, and ability. Our training course is part of the following tracks:

- MCTS: Windows Server 2008 Active Directory Configuration
- MCTS: Windows Server 2008 Network Infrastructure Configuration
- MCITP: Windows Server 2008 Administrator
- MCITP: Enterprise Administrator

Ultimately, the training course prepares qualified candidates to earn the MCITP: Server and Enterprise Administrator certification for Server 2008

Who Should Attend

- Current MCSAs and MCSEs on Windows Server 2003 who wish to upgrade to the MCITP: Server Administrator and Enterprise Administrator certifications
- IT professionals with at least two years of hands-on experience implementing and administering network and desktop operating systems
- Systems engineers, network engineers, systems analysts, network analysts, and technical consultants who want to earn their MCITP: Server Administrator and MCITP: Enterprise Administrator certifications

Prerequisite

MCITP is not an entry-level IT certification (for that, we recommend our A+ training course; please inquire for details). To pursue your MCITP certification, we strongly recommend that you have at least two years of hands-on experience administering Windows 2000 or Windows 2003 server.

Course Duration

60 Hours, 15 Classes, 4 Hours per class

Course Details

Lesson 01: Networking Essentials

- Networking concepts, History of server OS
- Introduction to windows server 2003 & 2008
- Features of Windows server 2008
- Installation of windows server 2008R2
- Installation of windows se7en
- Planning Network and Application Services
- introduction and Creation of Users accounts
- Planning for Server Management

Lesson 02: Active Directory - Domain Services

- IP Addressing
- Logical Topologies, Peer to peer & Domain Models
- Introduction to Directory Services
- Evolution of Directory services – LDAP Protocol
- Features of Active Directory
- Installing Active Directory – Domain Controller

Lesson 03: Member Servers, Clients, User Configuration

- Configuring Member Servers and Clients.
- Creating Users in AD-DS
- User Logon policies
- Password policies
- Account Lockout policies
- User properties

Lesson 04: Permissions/Access Control Lists

- File Systems
- Security and Sharing Permissions - Folders & Files
- Offline Folders

Lesson 05: User Profiles

- Types of Profiles
- Local, Roaming and Mandatory Profiles
- Home Folder
- Disk Quotas

Lesson 06: Logical Structure of AD – DS

- Configuring ADC
- TREE Structure - Child Domain
- FOREST Structure

Lesson 07: FSMO Roles of AD – DS

- Roles of AD - DS
- Transferring of Roles
- Seizing of Roles

Lesson 08: Group Policy / System Policies

- Organizational Unit, Delegation of Control
- User & Computer Policies
- Scope of Policies - OU, Domain, Sites
- Group policy modeling (RSOP)
- Software Deployment
- Scripts, Folder Redirection

Lesson 09: Active Directory Trusts

- Introduction to Trust Relationship
- Categories, Directions & Types of Trusts
- Functional Levels,
- Authentication Protocols
- Configuring Forest Trusts between 2008 Forests

Lesson 10: RODC & Physical Structure of AD-DS

- Introduction & Configuration of Read-Only Domain Controller
- SITES and Global Catalog
- Replication between the Domain Controllers
- AD-DS Partitions

Lesson 11: Dynamic Host Configuration Protocol (DHCP)

- Introduction and Configuration of DHCP Server
- DHCP Client Configuration
- Reservations
- BOOTP Server
- DHCP Backup

Lesson 12: Domain Name System (DNS)

- Internet Basics, Host & LM Host Files
- DNS Naming Hierarchy
- Forward and Reverse lookup Zones
- Types of Zones – Primary, Secondary & Stub Zone
- Resource Records, Integration with ADS, SRV Records
- Forwarders, Dynamic Updates

Lesson 13: Internet Information Services

- IIS 7.0 Configuration
- Hosting Websites, Virtual Directories
- Backup & Restoring Sites
- FTP Server Configuration

Lesson 14: Disk Management

- Basic & Dynamic Disks
- Types of Volumes
- RAID 0, 1, 5 Levels
- Remote Hard disk Partitioning
- Mounting Concept

Course Details

Lesson 15: Windows Server Core

- Installation of Windows Server Core 2008
- Basic Commands of Server Core
- Installation, Managing & Uninstalling Server Core
- Features & roles
- Remote Management of Server Core

Lesson 16: Advanced Topics

- Introduction to DFS & File server
- Configuring Namespace, Folders etc
- Introduction to Backup & Backup media
- Types of Backups & Strategies
- Recovery of Data from any backup media
- System state backup & restoration
- Overview of AD- FS, LDS, RMS, CS
- Upgrading windows server 2003 to 2008
- Groups, VSS, Paging File

