

Course 567: Upgrading MCSE/MCSA to MCTS Windows Server 2008 Certifications (5 days)

Course Description...

The Microsoft Certified Technical Specialist (MCST) Certifications demonstrate an IT Professional's skills in a specific subject area. Windows 2008 has three MCST certifications available – Active Directory Configuration, Network Infrastructure Configuration and Application Infrastructure Configuration.

Existing MCSA's can qualify for the MCST: Active Directory Configuration and the MCST: Network Infrastructure Configuration by passing the MCSA upgrade exam. Existing MCSE's can qualify for all three MCST qualifications on Windows 2008 by passing the MCSE upgrade exam. This course is designed to give existing MCSE and MCSAs the necessary background material to assist with the preparation for these exams.

Who should attend...

In this intense Technology Upgrade and Exam Preparation course, you'll learn the foundations of Windows Server 2008, and the material necessary to upgrade your MCSE or MCSA to the newly created Microsoft Certified Technical Specialist (MCTS). This course is specifically designed for a MCSE and/or MCSA Certification holder to prepare for the MCTS upgrades exams offered to current MCSE/MCSA holders.

Prerequisites...

- MSCE or MCSA on Windows 2003
- NOTE: This course is specifically designed for MCSE/MCSA holders.

Course Outline...

Chapter 0: MCSE or MCSA Exam Requirements for MCTS

Microsoft's New Certifications for Windows 2008

Microsoft Certified Technical Specialist (MCTS) Requirements

- MCTS: Windows Server 2008 Active Directory Configuration
- MCTS: Windows Server 2008 Network Infrastructure Configuration
- MCTS: Windows Server 2008 Application Infrastructure Configuration

MCSA Upgrade Exam: One Exam, 2 MCTS Certifications

MCSE Upgrade Exam: One Exam, 3 MCTS Certifications

Beyond the MCTS: Microsoft Certified IT Professional (MCITP)

Beyond the MCITP: Microsoft Certified Architect (MCA)



Chapter 1: Windows Server 2008

- Key Features of Windows Server 2008
- Versions and licensing of Windows Server 2008
- Windows Server 2008 Hyper-V
- New Server Installation
- Migration and Upgrade Paths
- Managing Server Roles
- New and Enhanced Networking Features
- New Application Management and Deployment Technologies
- Server Management with Graphical Tools, Command Line and PowerShell

Chapter 2: MCTS: Windows Server 2008 Active Directory Configuration

- Active Directory Planning and Deployment
- Domain Name Services (DNS) usage with Active Directory
- Forests, Domains and Sites
- Account and Object Creation/Management
- Active Directory Replication
- Global Catalog, Read-Only Domain Controllers, and Operation Masters
- Group Policy Objects (GPO) Enhancements
- AD Lightweight Directory Services (AD-LDS) and Federated Services (AD-FS)
- Rights Management Service (AD-RMS)
- Certificate Services and Public Key Infrastructure
- Active Directory Monitoring, Backup and Restoration

Chapter 3: MCTS: Active Directory Configuration Exam Prep

- Exam Preparation for Active Directory Topics
- Sample Test Questions and Question Discussion

Chapter 4: MCTS: Windows Server 2008 Network Infrastructure Configuration

- Windows Networking and Addressing – IPv4 and IPv6
- DNS and DHCP Management
- Routing within a Windows Server
- Securing communication with IPSec
- Remote Access to Windows Servers
- Network Access Protection and Network authentication
- Wireless and Network Configuration
- File and Print Server Roles
- Distributed File System and DFS Replication
- Disk/Folder/File Management: Backup/Restore/Shadow copy/Quotas
- Monitoring and Managing Printers and Printer Deployment
- Windows System Update Services (WSUS) Server role and configuration
- Windows Server and Network Monitoring Tools and Capabilities

Chapter 5: MCTS: Network Infrastructure Configuration Exam Prep

- Exam Preparation for Network Infrastructure Topics
- Sample Test Questions and Question Discussion



Chapter 6: MCTS: Windows Server 2008 Application Infrastructure Configuration

Windows Deployment Services

Creating/Deploying Windows Deployment Services Images

Windows Activation in the Enterprise: MAK, KMS and Volume License Data

Windows Server Hyper-V and Virtualization

High Availability solutions in Windows Server 2008: Failover Clustering, NLB and redundancy

Terminal Services Roles and Capabilities

Deploying Applications into a Terminal Server

Terminal Services Gateway and Load Balancing

Remote Desktop Management:

Web Services: IIS 7.0 Deployment

HTTP, HTTPS, FTP, and SMTP

Web Security and Authentication in IIS

Windows Media Server

Digital Rights Management (DRM)

Microsoft Windows SharePoint Services

Chapter 7: MCTS: Application Infrastructure Configuration Exam Prep

MCSA – Qualifying for this Certification

Exam Preparation for Application Infrastructure Topics

Sample Test Questions and Question Discussion

Chapter 8: Final Examination Preparation and Sample Exam

Additional/Custom Topics are available - please contact your ROI representative to discuss course tailoring!!!