



Exam: 98-365

## MTA-Windows Server Admin Fundamentals

Course Length: : 24 Hours  
IT Professional Series : 3 Days  
Academic Series : 3 Weeks

### Module 1: Server Overview

- Understanding What Installing
  - Introducing Server Roles
  - Selecting Server Hardware
  - Selecting the Software
- Windows Server 2008 R2a Server Does
  - Performing Clean Installations
  - Performing an Upgrade
  - Disk Cloning and System Preparation Tool
  - Performing an Unattended Installation
  - Using Windows Deployment Services
  - Understanding Windows Licensing
  - Understanding Windows Activation
  - Understanding Windows Updates

### Module 2: Managing Windows Server 2008 R2

- Using the Control Panel
  - Understanding User Account Control
  - Introducing System Settings
  - Changing Computer Name and Domain Settings
  - Configuring Remote Settings
  - Changing Date and Time
  - Configuring IP Address Settings
- Managing Devices and Device Drivers
  - Understanding Plug and Play Devices
  - Understanding Signed Drivers
  - Using Devices and Printers
  - Using Device Manager
- Using Microsoft Management Console and Administrative Tools
  - Using Computer Management Console and Server Management Console
- Installing Programs, Roles, and Features
  - Managing Programs
  - Managing Roles and Features
  - Managing Services
  - Understanding the Registry
  - Managing Server Core

### Module 3: Managing Storage

- Identifying Storage Technologies
  - Comparing IDE and SCSI Drives
  - Introducing Redundant Arrays of Independent Disks
  - Introducing Hot Spares
- Looking at Network Attached Storage and Storage Area Networks
  - Introducing Fibre Channel
  - Introducing iSCSI
  - Using Storage Explorer and Storage Manager
- Understanding Disk Structure
  - Introducing Disk Partitioning Styles
  - Comparing Types of Disks
  - Introducing File Systems
  - Using Disk Management Tools

### Module 4: Monitoring and Troubleshooting Servers

- Introducing Troubleshooting Methodology
  - System Information
  - Using the Event Viewer
- Booting the System
  - Understanding Boot.ini

- Understanding BCDEdit
- Understanding Advanced Boot Menu
- Using the System Configuration Tool
- Understanding Performance
  - Understanding Virtual Memory and Paging File
  - Using Task Manager
  - Using Performance Monitor
  - Using Resource Monitor
- Introducing Business Continuity
  - Introducing Fault-Tolerant Components
  - Understanding Clustering
  - Understanding Power
- Understanding Backups
  - Introducing Backup Media
  - Introducing Backup Items
  - Understanding Backup Methods
  - Introducing Microsoft Windows Backup
  - Understanding Shadow Copies of Shared Folders
  - Performing Server Repair

### Module 5: Essential Services

- Naming Resolution
  - Understanding HOSTS and LMHOSTS Files
  - Exploring DNS
  - DHCP Services
- Introducing Directory Services with Active Directory
  - Introducing Domains, Trees, and Forests
  - Introducing Sites and Domain Controllers
  - Introducing Organizational Units
  - Looking at Objects
  - Introducing Groups
  - Introducing Group Policy

### Module 6: File and Print Services

- Introducing NTFS
  - Setting NTFS Permissions
  - Looking at Effective NTFS Permissions
  - Looking at Folder and File Owners
  - Encrypting Files with NTFS
- Sharing Drives and Folders
  - Network Discovery and Browsing
  - Looking at Special and Administrative Shares
- Looking at Printers
  - Installing Printers
  - Looking at Printer Properties
  - Setting Printer Permissions
  - Managing Print Jobs
  - Configuring Internet Printing
  - Enabling Auditing

### Module 7: Popular Windows Network Services and Applications

- Introducing the Web Server
  - Managing Web Sites with IIS
  - Managing FTP with IIS
  - Understanding Remote Access
  - Introducing Remote Administration
- Understanding Server Virtualization
  - Creating Virtual Machines
  - Managing Virtual Machines

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