



BREWSTER TECHNOLOGY

COMPUTER TRAINING & SERVICE

www.brewstertech.com

16 Mount Ebo Road South, Suite 18 • Brewster, New York • 10509
Phone - (845) 279-9400 • Fax - (845) 279-9413

WHAT'S IN 98-365 WINDOWS SERVER ADMINISTRATOR:

MTA validates building-block technology concepts and helps students explore, discover and pursue successful careers in Information Technology (IT) in an exciting and rewarding way! As the first step in the Microsoft Technology Certification Series, this new, entry-level certification provides students with confidence, credibility, and differentiation.

TARGET AUDIENCE:

Individuals looking to get started in Windows Server fundamentals.

PREREQUISITES:

Familiarity with the concepts and the technologies of Windows Server administration. Hands-on experience with Windows Server, Windows-based networking, Active Directory, account management, and system recovery tools and concepts.

DURATION:

12 hours



TOPICS COVERED IN 98-365 WINDOWS SERVER ADMINISTRATOR:

Server Overview

Understanding What a Server Does

- Introducing Server Roles
- Selecting Server Hardware
- Selecting the Software

Installing Windows Server 2008 R2

- 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

Managing Windows Server 2008 R2

Performing Initial Configuration Tasks

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.

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

Monitoring and Troubleshooting Servers

Managing Information Technology

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



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Understanding Backups

- Introducing Backup Media
- Introducing Backup Items
- Understanding Backup Methods
- Introducing Microsoft Windows Backup
- Understanding Shadow Copies of Shared Folders

Performing Server Repair

Essential Services

Naming Resolution

- Understanding HOSTS and LMHOSTS Files
- Exploring DNS
- WINS

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

File and Print Services.

Introducing NTFS

- Setting NTFS Permissions
- Looking at Effective NTFS Permissions
- Copying and Moving Files
- 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

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