

Windows 7 Configuration Training (2010)

Microsoft Certified Technology Specialist (MCTS) Exam: 70-680

Session 1

Section A: Introduction

- Why Windows 7?
- Compatibility
- Enhancements
- Vista Pain Repairs
- 70-680 Exam
- 70-680 Objectives
- Windows 7 Network

Section B: Installation Methods

- Previous Installation Methods
- Current Boot Practices
- Current Installation Methods
- Sole Operating Systems
- Dual Booting
- Using bcdedit
- Default Boot Loader
- Deleting Database Entries

Section C: Upgrade Methods

- Upgrade Considerations
- Windows 7 Upgrade Advisor
- Installing the Advisor
- Running the Advisor
- Anytime Upgrade

Section D: Clean Installation Planning

- Hardware Requirements
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- Create a Bootable USB Drive
- Preparing a Network Share
- Preparing WDS

Section E: Performing a Clean Install

- Clean Install Process
- Install Windows 7
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Section F: Migrating Windows

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- Side-by-Side
- Previous Versions
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- Migrating from XP

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- The History of Imaging
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- Automated Image Deployment
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Section H: Capturing System Images

- Creating a Deployment Share
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- Task Sequencing
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Session 2

Section A: Manipulating Images

- Deployment Tools
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- Mounted Image Directory
- Image Application Management
- Image Driver Management
- Adding Drivers to Images
- Image Update Management

Section B: Advanced Imaging

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- WinSIM tool
- Creating an Answer File
- VHD File
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Section C: Working with Device

Drivers

- Device Drivers
- Updating Device Drivers
- Using Device Manager to Update Drivers
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- Advanced Options
- Driver Certificate Verification
- sigverif.exe

Section D: Hardware Compatibility

- Windows 7 Hardware Compatibility
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- Installing Vista Drivers
- Verify Driver Installation
- Devices and Printers
- Device Stage

Section E: Internet Explorer 8

- Compatibility View
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- Add-ons and Provider Management
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Section F: Understanding Application

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- Application Compatibility
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- Installing / Configuring Windows XP mode
- 16-Bit Example
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Section G: Using Application

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- Application Restrictions
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Section H: Understanding IPv4 and

IPv6

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- The Network Stack
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- Subnet Masks
- Default Gateways
- Public vs. Private Addressing
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- IPv6 Benefits
- IPv6 Address Space
- IPv6 Address Types

Session 3

Section A: Configuring IP Protocols

- The Need for Configuration
- Network Connection Properties
- IPv4 Properties
- IPv4 Advanced Settings
- IPv6 Properties
- netsh: Net Shell
- netsh: Interface
- netsh: IPv4 Interface
- Setting a Static Address
- Commands Directly from Command Prompt
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Section B: Managing Networking

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- Wireless Network Connections
- Preferred Wireless Networks
- Wireless Security Settings
- Network Adapters
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- WinRS
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- Configuring via Group Policy Editor
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Section F: System Event Monitoring

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Session 4

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- Management of Services
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- RAID
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- DiskPart
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- Defrag Report (Command Line)
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Section C: Securing Authentication

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- Share Permissions
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- User Account Control
- Configuring User Account Control
- Group Policy Settings
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- Recommendations for EFS
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- BitLocker Options
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Section G: Remote Connectivity

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- VPNs
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- VPN Settings/Options
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Session 5

Section A: Configuring Mobility

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- BranchCache Facts
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Section C: Implementing

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Section F: File Management and Recovery

- Shadow Copies
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