



Microsoft Specialist: Windows 7 Boot Camp for Desktop Administrators

Code:

5 days

Course Overview

In an intensive and immersive hands-on learning environment, you will build your hands-on skills and prepare for your Windows 7 certification exam. This extended-hours boot camp, led by senior instructors, includes targeted lectures using Microsoft Learning recommended content as well as 12 months of access to over 25 hands-on remote labs.

This boot camp includes the exam vouchers required for certification, along with one free retake voucher if needed. It also includes access to Microsoft Boot Camp Exclusives, providing indispensable certification exam prep.

You Will Prepare for These Exams:

- 70-686: Windows 7, Enterprise Desktop Administrator

Who Needs To Attend

1. MCITP: Enterprise Support on Windows Vista
2. MCDST on Windows XP
3. IT professionals who have a minimum of three years of experience installing, configuring, and administering clients in a Windows networked environment, experience deploying operating systems and applications, and familiarity with the client administration capabilities of Windows Server and with management tools such as the System Center suite of products

Course Details

Topics include

- Microsoft Certified Trainers
- Microsoft Official Course Material
- Exam Voucher(s) Included with Class
- Exam Pass Guarantee: Unlimited Retakes Until You Pass the Exam
- Work in virtual labs that provide real-world experience
- For Virtual Classes Learn at your own pace from your home, office, or any place that has an Internet connection

- Repeat part or all of the class at no additional cost, often for up to a year
- Work in virtual labs that provide real-world experience
- Certification of Completion at the End of Class
- Water, Soda, and Snacks Provided in Class
- Time intensive accelerated training for teams with budget and time
- Access to practice labs after the class

Topics Include

4. Key topics and concepts tested on the Microsoft Specialist: Windows 7 exams
5. Use the Transcender test-preparation software to reinforce learning objectives, validate current knowledge, and review the most comprehensive and realistic exam questions
6. Pinpoint your weak areas and strengthen them to ensure exam success

Course Outline

1. Installing, Upgrading, and Migrating to Windows 7

- Prepare to Install Windows 7
- Perform a Clean Installation of Windows 7
- Perform an Image-Based Installation of Windows 7
- Configure Application Profiles

2. Configuring Disks and Device Drivers

- Partition Disks in Windows 7
- Manage Disk volumes
- Maintain Disks in Windows 7
- Install and Configure Device Drivers

3. Configuring File Access and Printers on Windows 7 Client Computers

- Authentication and Authorization
- Manage File Access in Windows 7
- Manage Shared Folders
- Configure File Compression
- Manage Printing

4. Configuring Network Connectivity

- Configure IPv4 Network Connectivity
- Configure IPv6 Network Connectivity
- Implement Automatic IP Address Allocation
- Name Resolution
- Troubleshoot Network Issues

5. Configuring Wireless Network Connection

- Wireless Networks
- Configure a Wireless Network

6. Securing Windows 7 Desktops

- Security Management in Windows 7
- Secure a Windows 7 Client Computer Using Local Security Policy Settings
- Secure Data Using EFS and BitLocker
- Configure Application Restrictions
- Configure User Account Control

7. Configuring Network Security in Windows 7

- Configure Windows Firewall
- Configure Security Settings in Internet Explorer 8
- Configure Windows Defender

8. Optimizing and Maintaining Windows 7 Client Computers

- Maintain Performance Using the Windows 7 Performance Tools
- Maintain Reliability Using the Windows 7 Diagnostic Tools
- Back Up and Restore Data Using Windows Backup
- Restore a Windows 7 System Using System Restore Points
- Configure Windows Update

9. Deploying Windows 7 by Using Windows Deployment Services (WDS)

- WDS
- Designing and Configuring WDS for Windows 7 Deployment

10. Preparing to Deploy Windows 7 Business Desktops

- Desktop Lifecycle
- Desktop Deployment Challenges and Considerations
- Tools and Technologies Used in the Desktop Deployment Lifecycle
- Assess the Current Computing Environment for Deploying Windows 7
- Design Licensing and Activation

11. Assessing Application Compatibility in Windows 7

- Application Compatibility
- Assess and Resolve Application Compatibility Issues Using ACT 5.5

12. Evaluating Windows 7 Deployment Methods

- Evaluate In-Place Deployment
- Evaluate Side-By-Side Deployment
- Evaluate Lite-Touch Deployment Method
- Evaluate Zero-Touch Deployment Method

13. Designing Standard Windows 7 Images

- Windows 7 Installation Architecture
- Imaging Process
- Determine the Image Strategy
- Select the Image Servicing Methods

14. Deploying Windows 7 by Using WAIK

- WAIK 2.0
- Build a Reference Windows 7 Image by Using Windows SIM and Sysprep
- Manage the Windows pre-Installation Environment
- Capture, Apply, and Service a Windows 7 Image

15. Deploying Windows 7 by Using Windows Deployment Services (WDS)

- WDS
- Design and Configure WDS for Windows 7 Deployment

16. Deploying Windows 7 by Using Lite-Touch Installation (LTI)

- Design the Lite-Touch Installation Environment
- Implementing MDT 2010 for deploying Windows 7

17. Deploying Windows 7 by Using Zero Touch Installation

- Design the Zero Touch Installation Environment
- Perform Zero-Touch Installation of Windows 7 by using MDT 2010 and Configuration Manager 2007

18. Migrating User State by Using WET and USMT 4.0

- User State Migration
- USMT 4.0
- Plan User State Migration (USMT 4.0)
- Migrate User State by Using USMT 4.0

19. Designing, Configuring, and Managing the Client Environment

- Planning Client Configuration
- Design and Configure Standard System Settings
- Design and Configure Internet Explorer Settings
- Design and Configure Security Settings
- Design and Implement Group Policy
- Troubleshoot Group Policy

20. Planning and Deploying Applications and Updates to Windows 7 Clients

- Determine the Application Deployment Method
- Deploy Office 2007
- Plan and Configure Desktop Updates Using WSUS

21. Planning and Deploying Windows 7 Using LTI

- Plan the MDT Lite-Touch Environment

Lab 1: Install, Upgrade, and Migrate to Windows 7

- Migrate Settings by Using Windows Easy Transfer
- Configure a Reference Image of Windows 7
- Configure a Reference Image

Lab 2: Configure Disks and Device Drivers

- Configure Disks
- Update a Device Driver

Lab 3: Configure File Access and Printers on Windows 7 Client Computers

- Create and Configure a Public Shared Folder for all Users
- Configure Shared Access to Files for Specific Users
- Create and Share a Printer

Lab 4: Configure Network Connectivity

- Configure IPv4 Addressing
- Configure IPv6 Addressing
- Troubleshoot Network Connectivity

Lab 5: Configure Wireless Network Connections

- Determine the Appropriate Configuration for a Wireless Network
- Troubleshoot Wireless Connectivity

Lab 6: Configure UAC, Local Security Policies, EFS, and AppLocker

- Use Action Center
- Configure Local Security Policies
- Encrypt Data
- Configure AppLocker

Lab 7: Configure Windows Firewall, Internet Explorer 8 Security Settings, and Windows Defender

- Configure Windows Firewall
- Configure Internet Explorer 8 Security
- Configure Windows Defender

Lab 8: Optimize and Maintain Windows 7 Client Computers

- Monitor System Performance
- Back Up and Restore Data
- Configure System Restore Points

- Configure Windows Update

Lab 9: Configure Mobile Computing and Remote Access in Windows 7

- Create a Sync Partnership
- Configure Power Options
- Enable Remote Desktop
- Enable BranchCache

Lab 10: Deploy Windows 7 by Using Windows Deployment Services (WDS)

- Design the WDS Environment
- Install and Configure the WDS Server Role
- Add Boot and Install Images to WDS
- Provision Drivers by Using WDS
- Deploy a Desktop Operating System Using WDS

Lab 11: Use Group Policy to Centralize Configuration

Lab 12a: Resolve Hardware Device and Device Driver Issues

- Resolve Hardware Issues
- Configure Group Policy to Control Device Installation (Optional)

Lab 12b: Troubleshoot Performance-Related Issues

Lab 13: Troubleshoot Network Connectivity Issues

Lab 14: Resolve Remote Connectivity Issues

Lab 15: Troubleshoot Logon and Resource Access Issues

- Offline Files
- Missing Drive Mapping
- Missing Files in My Documents
- File Access Issue

Lab 16: Troubleshoot Security Issues

- Recover a BitLocker-Protected Drive

Fix an Internet Explorer Security Issue

Lab 17: Troubleshoot Operating System and Application Issues

- Windows Updates
- AppLocker Policy Application
- Application Startup

Lab 18: Assess the Computing Environment by Using the Microsoft Assessment and Planning Toolkit

Lab 19a: Evaluate Application Compatibility Using the Microsoft Application Compatibility Toolkit

- Install and Configure ACT
- Collect Application Inventory
- Organize the Application Inventory
- Analyze Application Inventory Results

Lab 19b: Create Application Compatibility Fixes

- Identify Application Compatibility Issues
- Mitigate Application Issues

Lab 20: Determine the Windows 7 Imaging Strategy

Lab 21: Plan and Configure MDT 2010

- Plan the MDT Lite Touch Environment
- Install MDT 2010 and Additional Component Files
- Configure the Deployment Share
- Create a Task Sequence

Lab 22: Deploy Windows 7 by Using Lite Touch Installation

- Update the Deployment Share to Generate Windows PE Media
- Install Windows 7 Using Lite Touch Installation

Lab 23: Deploy Windows 7 by Using Zero Touch Installation

- Plan the Zero Touch Installation Environment
- Prepare the Zero Touch Installation Environment
- Configure Deployment Packages and System Images
- Configure and Advertise a Client Task Sequence

Lab 24a: Migrate User State by Using Windows Easy Transfer

- Prepare the Window Easy Transfer Source Files
- Capture User State Information from a Source Computer
- Load User State Information to a Target Computer

Lab 24b: Migrate User State by Using the User State Migration Tool 4.0 (USMT)

- Plan for the User State Migration
- Create USMT Migration Scripts
- Capture and Restore User State by Using USMT
- Perform a Hard-Link Migration

Lab 24c: Migrate User State by Using Hard Link Migration

- Perform a Hard-Link Migration

Lab 25a: Design and Configure the Client Environment

- Design a Client Environment

- Implement a Client Configuration

Lab 25b: Troubleshoot GPO Issues

- Resolve a GPO Application Problem

Lab 26a: Determine the Application Deployment Method

Lab 26b: Customize the Microsoft Office Professional Plus 2007 Installation

- Configure the Setup Category
- Configure the Features Category
- Install Microsoft Office Professional Plus By Using the Setup Customization File

Lab 26c: Plan and Manage Updates by Using WSUS

- Plan Automatic Updates Settings
- Configure Automatic Updates Settings by Using Group Policy
- Approve and Deploy an Update by Using WSUS

Prerequisites

Required:

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- Experience deploying operating systems and applications
- Familiarity with the client administration capabilities of Windows Server and with management tools such as the System Center suite of products