

6294 Planning & Managing Windows 7 Desktop Deployments & Environments

Days of Training: 5

Overview

This five-day instructor-led course is intended for desktop administrators who want to specialize in desktop deployment, configuration and management. In this course, students will learn how to plan and deploy Windows 7 desktops in large organizations. They will also learn how to design, configure and manage the Windows 7 client environment. This course helps students prepare for the Exam 70-686, Pro: Windows 7, Enterprise Desktop Administrator.

Prerequisites

- Performed a clean installation of Windows 7, Upgrade to Windows 7, and migrate user-related data and settings from Windows XP.
- Familiarity with the client administration capabilities of Windows Server and familiar with management tools such as the System Center suite of products.
- Experience configuring and troubleshooting permissions and other settings to allow access to resources and applications on Windows 7 Systems.

At Course Completion

After completing this course, students will be able to:

- Prepare to deploy Windows 7 business desktops.
- Assess and resolve application compatibility issues with Windows 7.
- Determine the most appropriate method to deploy Windows 7 based upon specific business requirements.
- Design a standard Windows 7 image by assessing and evaluating the business requirements.
- Deploy Windows 7 by using WAIK; WDS; Light Touch Installation; Zero Touch Installation.
- Migrate user state by using Windows Easy Transfer and User State Migration Tool 4.0.
- Design, configure, and manage the Windows 7 client environment.
- Plan and deploy applications and updates to Windows 7 client computers.

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Lesson 1: Preparing to Deploy Windows 7 Business Desktops

Overview of the Desktop Lifecycle
Desktop Deployment: Challenges and Considerations
Tools and Technologies Used in the Desktop Deployment Lifecycle
Assessing the Current Computing Environment for Deploying Windows 7
Designing Licensing and Activation

Lesson 2: Assessing Application

Compatibility in Windows 7
Overview of Application Compatibility
Assessing and Resolving Application Compatibility Issues by Using ACT 5.5

Lesson 3: Evaluating Windows 7 Deployment Methods

Evaluating In-Place Deployment
Evaluating Side-by-Side Deployment
Evaluating Lite-Touch Deployment Method
Evaluating Zero-Touch Deployment Method

Lesson 4: Designing Standard Windows 7 Images

Overview of Windows 7 Installation Architecture
Overview of the Imaging Process
Determining the Image Strategy
Selecting the Image Servicing Methods

Lesson 5: Deploying Windows 7 by Using WAIK

Overview of WAIK 2.0
Building a Reference Windows 7 Image by Using Windows SIM and Sysprep
Managing the Windows Preinstallation Environment
Capturing, Applying, and Servicing a Windows 7 Image

Lesson 6: Deploying Windows 7 by Using Windows Deployment Services

Overview of WDS
Designing and Configuring WDS for Windows 7 Deployment

Lesson 7: Deploying Windows 7 by Using Lite Touch Installation

Designing the Lite Touch Installation Environment
Implementing MDT 2010 for Deploying Windows 7

Lesson 8: Deploying Windows 7 by Using Zero Touch Installation

Designing the Zero Touch Installation Environment
Performing Zero-touch Installation of Windows 7 by using MDT 2010 and Configuration Manager 2007

Lesson 9: Migrating User State by Using WET and USMT 4.0

Overview of User State Migration
Overview of USMT 4.0
Planning User State Migration (USMT 4.0)
Migrating User State by Using USMT 4.0

Lesson 10: Designing, Configuring, and Managing the Client Environment

Overview of Planning Client Configuration
Designing and Configuring Standard System Settings
Designing and Configuring Internet Explorer Settings
Designing and Configuring Security Settings
Designing and Implementing Group Policy
Troubleshooting Group Policy

Lesson 11: Planning and Deploying Applications and Updates to Windows 7 Clients

Determining the Application Deployment Method
Deploying Office 2007
Planning and Configuring Desktop Updates by Using WSUS

Lesson 12: Planning and Deploying Windows 7 by Using LTI

Planning the MDT Lite Touch Environment