

Course Details

Course 6294A

Planning and Managing Windows 7 Desktop Deployments and Environments

Length: 5 Days

Published: January 14, 2013

Language(s): English, French, German

Audience(s): IT Professionals

Level: 300

Technology: Windows 7

Type: Course

Delivery Method: Instructor-led (classroom)

Prerequisites

- A solid understanding of TCP/IP and networking concepts.
- A solid Windows and Active Directory background. For example, domain user accounts, domain vs. local user accounts, user profiles, and group membership.
 - A good understanding of scripts and batch files.
 - A solid understanding of security concepts such as authentication and authorization.
 - Performed a clean installation of Windows 7, Upgrade to Windows 7, and migrate user-related data and settings from Windows XP.
 - Configured disks, partitions, volumes, and device drivers to enable Windows 7 to function as desired.
 - Experience configuring and troubleshooting permissions and other settings to allow access to resources and applications on Windows 7 Systems.
 - Experience configuring settings to enable network connectivity.
 - Experience configuring and troubleshooting a wireless network connection.
 - Experience configuring and troubleshooting Windows 7 security.
 - Configure mobile computers and devices.
 - Familiarity with the client administration capabilities of Windows Server and familiar with management tools such as the System Center suite of products.
 - Familiarity with deployment, packaging, and imaging tools.
 - The ability to work in a team/virtual team

Course Outline

Module 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 Windows Activation

Module 2: Assessing Application Compatibility in Windows 7

- Overview of Application Compatibility
- Assessing and Resolving Application Compatibility Issues by Using ACT 5.5

Module 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

Module 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

Module 7: Deploying Windows 7 by Using Lite Touch Installation

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

Module 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

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

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

Module 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

Module 6: Deploying Windows 7 by Using Windows Deployment Services

- Overview of WDS
- Designing and Configuring WDS for Windows 7 Deployment

Module 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

Module 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

Module 12: Deploying Windows 7 – Challenge Scenario

- Deploying Windows 7 – Challenge Scenario