



6291 Updating Your Technology Knowledge of Microsoft Windows XP to Windows 7

Course Outlines

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Days of Training: 3

Overview

This three-day instructor-led course provides students with the knowledge and skills to work with the new technologies in Windows Vista and Windows 7. This course is intended for individuals who already have experience with Windows XP to upgrade their skills to Windows 7.

Prerequisites

One (1) year experience installing, configuring and supporting Windows XP desktop operating systems.

At Course Completion

After completing this course, students will be able to:

- Manage the desktop settings that personalize the computing experience.
- Describe the new Group Policy Preferences and Administrative Templates that are available to IT professionals who manage Group Policy Objects.
- Describe how IT professionals use the Group Policy Management Console to create scripts that manage Group Policy Objects.
- Describe how DirectAccess enables IT professionals to remotely manage and update user PCs.
- Describe the platform and network requirements necessary to implement DirectAccess.
- Describe the VPN reconnection features and the platform and network requirements.
- Describe how BranchCache improves user productivity in branch offices by caching content from remote file and Web servers in branch locations.
- Describe how AppLocker enables IT Professionals to specify the programs that are allowed to run on user desktops.
- Describe how Windows 7 improves upon the firewall policy by allowing IT professionals to identify multiple active firewall profiles.
- Describe new Windows 7 features as they relate to Windows Deployment Services and virtualization.
- Illustrate how to use Group Policy to prevent specific types of files from being synchronized to the server.

Lesson 1: Introduction to User

Productivity Enhancements

Controlling Your Desktop
Overview of Desktop Search Enhancements
Introduction to Search Federation

Lesson 2: Managing Desktop

Configurations

Automating Group Policy Enhancements
Introduction to Windows PowerShell 2.0
Using Windows PowerShell 2.0

Lesson 3: Introduction to Remote

Access

Introduction to DirectAccess
Designing a DirectAccess Solution
Install and Configure DirectAccess
Overview of VPN Reconnect
Introduction to BranchCache

Lesson 4: Introduction to Windows 7

Security Components

Implementing User Account Control
Introduction to Windows BitLocker
Introduction to Windows AppLocker
Configuring Windows Defender
Introduction to Windows Firewall with Advanced Security

Lesson 5: Deploying Windows 7

Images

Preparing to Deploy a Windows 7 Image
Deploying a Windows 7 Image
Servicing a Windows 7 Image

Lesson 6: Troubleshooting in

Windows 7

Troubleshooting with Problem Steps Recorder
Using the Windows Troubleshooting Platform
Diagnosing Issues with Unified Tracing
Analyzing Performance with Windows Management Instrumentation (WMI)
Managing Devices

MS6291A

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