

Configuring Windows Vista Mobile Computing and Applications

Course GWE51160: Two days; Instructor-Led



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Introduction

This two-day instructor-led course provides students with the knowledge and skills to successfully configure mobile computers and applications that run Windows Vista.

It will also provide them with the knowledge and skills necessary to ensure successful configuration of the IT Pro tools and productivity applications that ship with Windows Vista.

Students will focus on six main areas: maintenance and optimization tools, media applications, productivity applications, notebook computers, mobile devices, and Tablet PCs.

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Audience

This course is intended for IT Professionals who want to become technology specialists. A Windows Vista technology specialist is defined as a technology specialist interested in learning about, assessing skills, using reference products, or taking exams to prove his or her knowledge/skills/experience related to Microsoft's Windows Vista technologies. Technology specialists:

- Value and may be working toward an extensive, deep technical knowledge in a particular technology.
- Are interested in learning about Windows Vista technologies in greater detail.
- Want to learn or test that they know and can apply existing concepts, practices, procedures, policies, and guidelines.
- Work in roles where most questions have clear right and wrong answers.
- Focus primarily on the "how to" associated with Windows Vista technologies.
- On the job, work from functional specifications, defined policies/conventions/standards, and documented operational procedures that they have received from superiors.

Windows Vista technology specialists may work for an enterprise, a medium-sized organization, a small organization, or a retail organization.

At Course Completion

After completing this course, students will be able to:

- Maintain and optimize Windows Vista systems.
- Configure Windows Vista Media Applications.
- Configure Windows Vista Productivity Applications.

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Prerequisites

Before attending this course, students must have:

- Completed or have equivalent knowledge and skills to Installing and Configuring the Windows Vista Operating System.
- Familiarity with computer hardware and devices, such as the ability to look into device manager and look for unsupported devices.
- Basic TCP/IP knowledge, such as knowing why you need to have a valid IP address.
- Basic Microsoft Windows and Active Directory knowledge, such as knowledge about domain user accounts, domain vs. local user accounts, user profiles, and group membership.
- Experience with mapping network file shares, such as being familiar with UNC paths and mapping local resources to server/share.
- Experience with running commands from a command window, such as the DOS command prompt.
- Experience with reviewing BIOS settings.

In addition, it is recommended, but not required, that students have completed:

- Getting Started with Windows Vista for IT Professionals.
- Getting Started with Windows Vista for IT Professionals.

Important: This learning product will be most useful to people who intend to use their new skills and knowledge on the job immediately after training.

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Course Outline

Module 1: Maintaining and Optimizing Windows Vista Systems

This module explains how to use the performance tools and diagnostics tools to maintain and optimize Windows Vista systems. This module also explains how to configure Windows Update.

Lessons

- Maintaining Performance by Using Windows Vista Performance Tools
- Optimizing Windows by Using Windows Vista Diagnostics Tools
- Configuring Windows Update

Lab: Maintaining and Optimizing Windows Vista

- Monitoring General System Activity by Using Resource Overview
- Viewing System Stability by Using Reliability Monitor
- Configuring Windows Update

After completing this module, students will be able to:

- Maintain performance by using Windows Vista performance tools.
- Optimize reliability by using Windows Vista diagnostic tools.
- Configure Microsoft Windows Update.

Module 2: Configuring Windows Vista Media Applications

This module explains how to configure the Microsoft Windows Media Player and the Windows Media Center.

Lessons

- Configuring Windows Media Player for Windows Vista
- Configuring Windows Media Center

Lab: Configuring and Troubleshooting Windows Vista Media Applications

- Configuring Windows Media Center
- Configuring Windows Media Player
- Troubleshooting Windows Media Player

After completing this module, students will be able to:

- Configure Microsoft Windows Media Player 11 for Windows Vista.
- Configure Microsoft Windows Media Center.

Module 3: Configuring Windows Vista Productivity Applications

This module explains how to configure the productivity tools included with every edition of Windows Vista.

Lessons

- Configuring Windows Sidebar
- Configuring Windows Mail
- Configuring Windows Meeting Space
- Configuring Windows Calendar
- Configuring Windows Fax and Scan

Lab : Configuring Windows Vista Productivity Applications

- Setting Up Windows Vista Productivity Applications
- Configuring Windows Mail
- Configuring Windows Sidebar

After completing this module, students will be able to:

- Use and configure Windows Sidebar.
- Use and configure Windows Mail.
- Use and configure Windows Meeting Space.
- Use and configure Windows Calendar.
- Use and configure Windows Fax and Scan.

Module 4: Configuring Mobile Computers

This module explains how to configure the settings in Windows Vista specifically for mobile computers, and also explains how to configure power management.

Lessons

- Configuring Mobile Computer Settings
- Configuring Mobile Devices
- Configuring Power Options

Lab: Configuring Mobile Computers

- Configuring a Sync Partnership for a Mobile Device
- Configuring Power Options

After completing this module, students will be able to:

- Configure mobile computer settings.
- Configure mobile devices.
- Configure power options.

Module 5: Configuring Tablet PC Settings

This module explains how to configure the options in Windows Vista specifically for a Tablet PC.

Lessons

- Configuring Windows Vista Tablet PC Settings
- Configuring Pen and Input Devices

Lab: Configuring a Windows Vista Tablet PC

- Configuring the Tablet PC Settings
- Configuring Pen and Input Devices

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After completing this module, students will be able to:

- Configure Windows Vista Tablet PC settings.
- Configure Pen and Input Devices.

Module 6: Networking Mobile Computers

This module explains how to configure wireless networking and how to use Windows Vista tools to use offline files.

Lessons

- Networking Without Wires
- Connecting to a Wireless Network
- Working with Offline Files

Lab : Networking Mobile Computers

- Configuring a Wireless Network
- Troubleshooting a Wireless Network
- Using Offline Files

After completing this module, students will be able to:

- Configure networks without wires.
- Configure a connection to a wireless network.
- Configure Offline Files.