

Maintaining and Troubleshooting Windows Vista Computers

Course Code: M5118AL-MODL

Length: 5 Sessions; Microsoft Official Distance Learning (MODL)

Course Description: This Microsoft Official Distance Learning (MODL) version of this course will not be onsite at ADNET; instead students will be connecting from their office or home PC. Additional self-paced e-learning content, scenario-based labs, and assessments accompany these sessions. This course provides students with the knowledge and skills necessary to identify technical problems that can occur in client computers of an organization. The course focuses on five main troubleshooting areas: operating system, hardware, networking, security, and applications. It also provides the knowledge and skills necessary to monitor and maintain Windows Vista client computers.

After completing this course, students will be able to:

- Install Windows Vista.
- Upgrade and migrate to Windows Vista Ultimate Edition and configure post installation system settings.
- Share files by using Windows Vista.
- Configure advanced networking.
- Configure user account and network security.
- Configure Microsoft Internet Explorer 7.0.

Prerequisites

Before attending this course, students must have:

- 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.

Outline

Module 1-1: Installing Windows Vista

explains how to install and configure Windows Vista device drivers.

This module describes the new features of the Windows Vista operating system, the Windows Vista experiences and editions, and hardware requirements. This module then explains how to perform a clean installation. This module also

Lessons

- Introduction to Windows Vista
- Performing a Clean Installation of Windows Vista

- Installing and Configuring Windows Vista Drivers



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Lab 1-1: Installing Windows Vista

After completing this module, students will be able to:

- Describe the Windows Vista operating systems.
- Perform a clean installation of Windows Vista.
- Install and configure Windows Vista device drivers.

Module 1-2: Upgrading and Migrating to Windows Vista Ultimate Edition, and Configuring Post-Installation Settings

This module explains how to upgrade and migrate to Windows Vista Ultimate edition from previous versions of Windows and from other Windows Vista editions. It also covers how to configure the Windows Aero Experience and the Accessibility features of Windows Vista. Finally, this module explains how to configure Parental Controls.

Lessons

- Upgrading and Migrating to Windows Vista from a Previous Version of Windows
- Upgrading Between Windows Vista Editions
- Configuring the Windows Aero Experience
- Configuring Accessibility Features and Parental Controls

Lab 1-2: Configuring Post-Installation Options

After completing this module, students will be able to:

- Upgrade or migrate to Windows Vista from a previous version of Microsoft Windows.
- Upgrade or migrate between Windows Vista editions.
- Configure the Windows Aero experience.
- Configure the accessibility features of the Windows Vista operating system and Windows Vista Parental Controls

Module 2-1: Sharing Files by Using Windows Vista

This module describes the networking features in Windows Vista. This module then explains how to use Windows Vista to share files with others and also describes how to manage the various file types that Windows Vista supports. Finally, this module covers the data encryption features of Windows Vista.

Lessons

- Using Vista Networking.
- Sharing Data with Others.
- Managing Windows Vista Files.
- Data Encryption.

Lab 2-1: Sharing Files by Using Windows Vista

After completing this module, students will be able to:

- Use Vista networking.
- Share data with others.
- Manage Windows Vista Files.
- Describe the Windows Vista data encryption features.

Module 2-2: Configuring Advanced Networking

This module explains how to connect Windows Vista to a network, and also explains how to configure and troubleshoot the Remote Access features of Windows Vista.

Lessons

- Configuring IP Addressing
- Troubleshooting Network Connectivity
- Configuring Remote Access

Lab 2-2: Configuring Advanced Networking

After completing this module, students will be able to:

- Configure IP addressing in Windows Vista.
- Troubleshoot network connectivity.
- Configure remote access in Windows Vista.

Module 3-1: Configuring User Account Control and Network Security

This module explains how to configure and troubleshoot User Account Control in Windows Vista. It also covers how to configure Windows Defender and Windows Firewall in Windows Vista.

Lessons

- Configure User Account Control

- Troubleshooting User Account Control
- Configuring Windows Defender in Windows Vista
- Configuring Windows Firewall Settings

Lab 3-1: Configuring Network Security

After completing this module, students will be able to:

- Configure Windows Vista User Account Control.
- Troubleshoot User Account Control.
- Configure Windows Defender in Windows Vista.
- Configure the Windows Firewall settings in windows Vista.

Module 3-2: Configuring Internet Explorer 7.0

This module describes the new features in Internet Explorer 7.0. This module then explains the settings in Internet Options and describes how to configure these settings. This module also explains how to configure dynamic security settings in

Internet Explorer 7.0 and describes the Internet Explorer 7.0 security features which are unique to Windows Vista.

Lessons

- New Features in Internet Explorer 7.0
- Settings in Internet Options
- Configuring Dynamic Security for Internet Explorer 7.0
- Security Features Unique to Windows Vista

Lab 3-2: Configuring Internet Explorer 7.0

After completing this module, students will be able to:

- Describe the new features in Internet Explorer 7.0
- Configure settings for Internet Explorer 7.0
- Configure dynamic security for Internet Explorer 7.0
- Describe security features unique to Windows Vista.