

Course Outline

5115 - Installing, Configuring, and Troubleshooting Windows Vista

General Description

This three-day instructor-led course provides students with the knowledge and skills to install, configure, and troubleshoot Windows Vista desktops. This course focuses on installing and configuring a Windows Vista edition, managing resources, configuring security, optimizing performance, and configuring network and mobile device connections.

Outcomes

At the end of the course, students will be able to:

- Perform a clean installation of Windows Vista and migrate user-related data and settings from Windows XP.
- Configure the post-installation settings of a computer running Windows Vista.
- Configure and manage disks, partitions, and volumes on a computer installed with Windows Vista.
- Manage files and printing in Windows Vista.
- Configure and troubleshoot network connectivity.
- Configure a wireless network connection.
- Configure and troubleshoot Windows Vista security.
- Optimize and Maintain performance and reliability in Windows Vista.
- Configure mobile computers and devices.
- Configure Windows Vista productivity applications



Windows Vista™



Microsoft Partner
Gold Learning
Silver Desktop

Course Details

Course code: 5115
Duration: 3 days
Starting time: 9am
Finishing time: 4.30pm

 **1300 86 87246**
1300 TO TRAIN

Booking guidelines

Contact our learning consultants on 1300 86 87246 and we will assist you with your booking.

For more information about any of our training courses, contact our Learning Consultants

on 1300 86 87246 or email us on info@advancedtraining.com.au

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➤ **Module 1: Installing Windows Vista**

This module explains how to install and configure Windows Vista. It introduces the various editions and features of Windows Vista, and the module also describes how to upgrade or migrate to Windows Vista.

Lessons

- Introduction to Windows Vista
- Preparing to Install Windows Vista
- Performing a Clean Installation of Windows Vista
- Upgrading or Migrating from a Previous Version of Windows
- Upgrading Between Windows Vista Editions

Lab: Installing Windows Vista

- Using Windows Upgrade Advisor
- Backing Up User-Related Settings by Using WET
- Installing Windows Vista
- Upgrading from Windows Vista Business to Windows Vista Ultimate Edition

After completing this module, students will be able to:

- Describe the new features and editions of Windows Vista.
- Describe the various hardware, driver, and disk requirements for installing Windows Vista.
- Perform a clean installation of Windows Vista.
- Migrate to Windows Vista from earlier versions of Windows.
- Upgrade between Windows Vista Editions

➤ **Module 2: Configuring Post-Installation Settings**

This module explains how to configure the post-installation settings of a Windows Vista installation. It describes how to configure computer settings, device drivers, system properties, accessibility features, and Windows Aero.

Lessons

- Configuring Computer Settings

- Installing and Configuring Device Drivers
- Configuring System Properties
- Configuring Accessibility Features
- Configuring Windows Aero

Lab: Configuring Post-Installation Settings

- Identifying Computer Configuration Settings
- Adding a Computer to a Windows Domain
- Creating Local User and Group Accounts
- Updating a Device Driver
- Modifying System Properties
- Managing Accessibility Features

After completing this module, students will be able to:

- Configure basic computer settings.
- Install and configure device drivers.
- Configure system properties, including system protection and remote settings.
- Configure accessibility features.
- Enable and configure Windows Aero.

➤ **Module 3: Configuring Disks on Windows Vista Systems**

This module explains how to configure disks on Windows Vista systems. It describes how to partition disks, manage disk volumes and file system fragmentation. It also explains how to configure disk quotas.

Lessons

- Partitioning Disks in Windows Vista
- Managing Disk Volumes
- Managing File System Fragmentation
- Configuring Disk Quotas

Lab: Configuring Disks on Windows Vista Systems

- Converting an MBR Partition to a GPT Partition
- Creating a Simple Volume
- Resizing a Volume
- Creating a Spanned Volume and a Striped Volume
- Configuring Disk Quotas

After completing this module, students will be able to:

- Configure disk partitions.
- Create and manage disk volumes.
- Manage file system fragmentation.
- Configure disk quotas.

➤ **Module 4: Managing Files and Printers on Windows Vista Systems**

This module explains how to manage files, shared folders, and printing on Windows Vista systems. It also explains how to configure file compressions.

Lessons

- Managing Shared Folders
- Managing File Access
- Configuring File Compression
- Managing Printing

Lab: Managing Files and Printing on Windows Vista Systems

- Enabling File Sharing
- Securing Folders
- Compressing Files and Folders
- Managing Printers

After completing this module, students will be able to:

- Manage shared folders.
- Manage file access in Windows Vista.
- Configure file compression.
- Install, configure and administer printers.

➤ **Module 5: Configuring Network Connectivity**

This module explains how to configure IPv4 and IPv6 network connectivity. It also describes how to configure automatic IP address allocation and remote access. In addition, the module explains how to troubleshoot network issues.

Lessons

- Configuring IPv4 Network Connectivity
- Configuring IPv6 Network Connectivity
- Implementing Automatic IP Address Allocation
- Troubleshooting Network Issues

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- Configuring Remote Access

Lab: Configuring Network Connectivity

- Configuring IPv4 Manually
- Configuring Automatic IPv4 Addressing
- Troubleshooting Network Connectivity
- Enabling and Configuring Remote Management Features

After completing this module, students will be able to:

- Configure IPv4 network connectivity.
- Configure IPv6 connectivity.
- Implement automatic IP address allocation in Windows Vista.
- Troubleshoot network issues by using built-in tools in Windows Vista.
- Configure remote access by enabling Remote Desktop and Remote Assistance features.

➤ Module 6: Configuring Wireless Network Connections

This module provides an overview of wireless networks, and it describes how to connect to a wireless network.

Lessons

- Overview of Wireless Networks
- Connecting to a Wireless Network

Lab: Configuring Wireless Network Connections

- Connecting to a Wireless Network

After completing this module, students will be able to:

- Describe the standards and technologies related to wireless network connections
- Describe the hardware and the process involved in connecting to a wireless network.

➤ Module 7: Configuring Windows Vista Security

This module explains how to configure the security features in Windows Vista. It describes how to configure Windows Security Center, Windows Firewall with Advanced

Security, Windows Defender, and Internet Explorer. The module also describes how to secure a Windows Vista computer by using group policy settings and User Account Control.

Lessons

- Configuring Windows Security Center
- Configuring Windows Firewall with Advanced Security
- Configuring Windows Defender
- Configuring Security Settings in Internet Explorer 7.0
- Securing a Windows Vista Computer by Using Local Group Policy Settings
- Configuring and Troubleshooting User Account Control

Lab: Configuring Windows Vista Security

- Configuring Windows Security Center
- Configuring and Testing Windows Firewall with Advanced Security
- Scanning for Malicious Software
- Configuring Security Settings in Internet Explorer
- Securing Windows Vista by Using a Local Group Policy
- Troubleshooting UAC

After completing this module, students will be able to:

- Configure Windows Security Center.
- Configure Windows Firewall with Advanced Security.
- Configure Windows Defender to help protect against malicious software.
- Configure security-related settings in Internet Explorer to help protect a Vista computer that is online.
- Secure a Windows Vista computer by using local Group Policy settings.
- Configure and troubleshoot User Account Control settings.

➤ Module 8: Optimizing and Maintaining Performance and Reliability in Windows Vista

This module explains how to optimize and maintain performance and reliability in Windows Vista systems by using built-in tools. It describes how to use the built-in performance and diagnostic tools in Windows Vista. The module also describes how to perform backup and restore operations and to configure Windows Update.

Lessons

- Maintaining Performance by Using the Windows Vista Performance Tools
- Maintaining Reliability by Using the Windows Vista Diagnostic Tools
- Backing Up and Restoring by Using Windows Backup
- Creating and Managing System Restore Points
- Configuring Windows Update

Lab: Optimizing and Maintaining Performance and Reliability in Windows Vista

- Monitoring System Activity
- Monitoring System Reliability
- Backing Up and Restoring
- Recovering a Computer by Using System Restore Points

After completing this module, students will be able to:

- Maintain performance by using the Windows Vista performance tools.
- Maintain reliability by using the Windows Vista diagnostic tools.
- Perform backup and restore operations.
- Create and manage System Restore Points.
- Configure Windows Update.

➤ Module 9: Configuring Mobile Computers and Devices

This module explains how to configure mobile computer and device settings in Windows Vista. It also describes how to configure

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power options and Tablet PC settings.

Lessons

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

Lab: Configuring Mobile Computers and Devices

- Configuring Mobile Computer Settings
- 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 by implementing sync partnerships.
- Configure power options by using power plans.
- Configure Tablet PC settings.

➤ **Module 10: Configuring Windows Vista Productivity Applications**

This module explains how to configure the various productivity applications in Windows Vista including Windows Sidebar, Windows Mail, Windows Meeting Space, Windows Calendar, and Windows Fax and Scan.

Lessons

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

After completing this module, students will be able to:

- Configure Windows Sidebar.
- Configure Windows Mail.
- Configure Windows Meeting Space.
- Configure Windows Calendar.
- Configure Windows Fax and Scan.