

Before You Begin

Welcome to Microsoft Internet Information Server. Microsoft Internet Information Server is a network file and application server that transmits information in HyperText Markup Language (HTML) pages using the HyperText Transport Protocol (HTTP). Using the World Wide Web (WWW) service, you can offer an endless variety of services such as:

- u Publish a “home page” on the Internet for your business featuring a newsletter, sales information, or employment opportunities.
- u Publish a catalog and take orders from customers.
- u Publish interactive programs.
- u Provide your remote sales force easy access to your sales database.
- u Use an order-tracking database.
- u Publish an employee handbook.

Internet Information Server also provides other information services and supports a variety of interfaces that allow you to extend the services your server can offer:

- u Create high performance client-server applications using the Microsoft Internet Server Application Programming Interface (ISAPI).
- u Customize the WWW Service by creating ISAPI filter programs that listen to incoming or outgoing requests and automatically perform actions, such as enhanced logging.
- u Run Common Gateway Interface (CGI) applications or scripts.
- u Transmit or receive files using the FTP service.
- u Publish archives of information, spanning multiple computers, using the Gopher service.

About the Installation and Planning Guide

The *Microsoft Internet Information Server Installation and Planning Guide* provide the information you need to install the server software and plan your server site. This book also provides an overview and background or conceptual information about

- u Configuring the Server
- u Installing a Server on the Internet or your Intranet
- u Publishing Content
- u Networking
- u Security
- u Directory Management and Creating Virtual Servers
- u Logging
- u Using Additional Services

Note that the primary focus of the book is on the WWW service, although many of the concepts discussed apply to the FTP and Gopher services as well.

About Online Help

The *Microsoft Internet Information Server* online Help, *Inetmgr.hlp*, provides information you need to operate and configure the Internet Information Server. Help provides overviews and all the procedures you need to run the server. In addition, you will find information about:

- u Troubleshooting
- u Registry entries
- u Error messages

To access online help you can:

- u Click the Help Icon in the Microsoft Internet Server program group.
- u From the Internet Service Manager Help menu, click Topics.
- u Press any Help button.
- u Press F1 at any time.

About the Online Examples

The Microsoft Internet Information Server includes many examples to help you create content and configure your server. The examples include:

- u A tour
- u A sample web site
- u Internet Database Connector examples
- u ISAPI Programming examples
- u Basic HTML Styles
- u A tool to configure logging to a SQL Server database
- u A tool to create a new ODBC datasource on the Internet Information Server
- u A link to www.microsoft.com

What You Should Know

The documentation for Internet Information Server assumes you understand the basic operation of Windows NT and that Windows NT Server is installed on your server. It is not assumed that you understand the Internet. It is helpful, but not necessary, to understand TCP/IP networking.

You should fully understand the information in Chapter 5, *Securing Your Site Against Intruders*. If you do not understand the information, you should consult Windows NT documentation or other sources before installing your site on the Internet.

Finding Further Information

In addition to the information in this book, online help, and online examples, additional information about using Internet Information Server is available from the following sources.

Microsoft TechNet is the front-line resource for fast complete answers to technical questions on Microsoft desktop and system products. Through two monthly CDs, you get everything from crucial data on client/server and workgroup computing, systems platforms, and database products to the latest applications support for Microsoft Windows and the Apple® Macintosh®. For ordering information, call your reseller or (800) 344-2121.

The Microsoft Developer Network provides in-depth information for developers using the ISAPI. With Level 1 of the Developer Network, you get four quarterly releases of the Development Library, packed with inside information on programming for Microsoft Windows and Windows NT, plus other program benefits. With Level 2 of the Developer Network, you'll receive all the Level 1 benefits plus quarterly releases of the Development Platform, containing the latest Windows and Windows NT Workstation operating systems and API-level SDKs and DDKs from Microsoft. For ordering information, call (800) 759-5474.

Accessibility for People with Disabilities

Microsoft is committed to making its products and services easier for everyone to use. This section provides information about the following products and services, which make Microsoft Windows® and Microsoft® Internet Information Server more accessible for people with disabilities:

- u Microsoft services for people who are deaf or hard-of-hearing.
- u Access Pack for Microsoft Windows, a software utility that makes using Microsoft Windows easier for people with motion or hearing disabilities.
- u Keyboard layouts designed for people who type with one hand or a wand.
- u Microsoft software documentation on audio cassettes and floppy disks.
- u Products for people who are blind or have low vision.
- u Hints for customizing Microsoft Windows.
- u Other products and services for people with disabilities.

Not e The information in this section applies only to users who purchased Windows in the United States. If you purchased Windows outside the United States, your Windows package contains a subsidiary information card listing Microsoft support services telephone numbers and addresses. You can contact your subsidiary to find out whether the type of products and services described in this section are available in your area.

Microsoft Services for People Who Are Deaf or Hard-of-Hearing

Through a text telephone (TT/TDD) service, Microsoft provides people who are deaf or hard-of-hearing with complete access to Microsoft product and customer services.

You can contact Microsoft Sales and Service on a text telephone by dialing (800) 892-5234 between 6:30 A.M. and 5:30 P.M. Pacific time. For technical assistance you can contact Microsoft Product Support Services on a text telephone at (206) 635-4948 between 6:00 A.M. and 6:00 P.M. Pacific time. Microsoft support services are subject to Microsoft prices, terms, and conditions in place at the time the service is used.

Access Pack for Microsoft Windows

Microsoft distributes Access Pack for Microsoft Windows, which provides people with motion or hearing disabilities better access to computers running Microsoft Windows. Access Pack for Microsoft Windows contains several features that:

- u Allow single-finger typing of SHIFT, CTRL, and ALT key combinations.
- u Ignore accidental keystrokes.
- u Adjust the rate at which a character is repeated when you hold down a key, or turn off character repeating entirely.
- u Prevent extra characters if you unintentionally press a key more than once.
- u Enable you to control the mouse cursor by using the keyboard.
- u Enable you to control the computer keyboard and mouse by using an alternate input device.
- u Provide a visual cue when the computer beeps or makes other sounds.

Access Pack for Microsoft Windows is included on the Microsoft Windows Driver Library in the file Access.exe. If you have a modem, you can download Microsoft Windows Driver Library components, including the following, from network services:

- u CompuServe®
- u GENie™
- u Microsoft OnLine
- u Microsoft Download Service (MSDL), which you can reach by calling (206) 936-MSDL (936-6735) any time except between 1:00 A.M. and 2:30 A.M. Pacific time. Use the following communications settings:

For this setting	Specify
Baud rate	1200, 2400, or 9600
Parity	None
Data bits	8
Stop bits	1

- u Various user-group bulletin boards (such as the bulletin-board services on the Association of PC User Groups network)

People within the United States who do not have a modem can order the Access Pack for Microsoft Windows on disks by calling Microsoft Product Support Services at (206) 637-7098 or (206) 635-4948 (text telephone).

Keyboard Layouts for Single-Handed Users

Microsoft distributes Dvorak keyboard layouts that make the most frequently typed characters on a keyboard more accessible to people who have difficulty using the standard “QWERTY” layout. There are three Dvorak layouts: one for two-handed users, one for people who type with their left hand only, and one for people who type with their right hand only. The left-handed or right-handed keyboard layouts can also be used by people who type with a single finger or a wand. You do not need to purchase any special equipment in order to use these features.

Microsoft Windows already supports the two-handed Dvorak layout, which can be useful for coping with or avoiding types of repetitive-motion injuries associated with typing. To get this layout, choose International from the Windows Control Panel. The two layouts for people who type with one hand are distributed as Microsoft Application Note GA0650. It is also contained in file Ga0650.zip on most network services or Ga0650.exe on the Microsoft Download Service. For instructions on obtaining this application note see the preceding section, “Access Pack for Microsoft Windows.”

Microsoft Documentation on Audio Cassettes and Floppy Disks

People who have difficulty reading or handling printed documentation can obtain most Microsoft publications from Recording for the Blind, Inc. Recording for the Blind distributes these documents to registered members of their distribution service either on audio cassettes or on floppy disks. The Recording for the Blind collection contains more than 80,000 titles, including Microsoft product documentation and books from Microsoft Press. You can contact Recording for the Blind at the following address or phone numbers:

Recording for the Blind, Inc.	Phone :	(800) 221-4792
20 Roszel Road	Phone outside the U.S.:	(609) 452-0606
Princeton, NJ 08540	Fax:	(609) 987-8116

Products for People Who Are Blind or Have Low Vision

There are numerous products available to help people who are blind or have low vision use Microsoft Windows. For people with low vision there are screen-enlargement utilities, and for people who cannot use visual information there are screen readers that provide alternative output by synthesized voice or refreshable Braille displays. In addition, people with low vision can customize the Microsoft Windows display to suit their needs.

For more information on the various products available, see “Getting More Information” later in this section. For more information about customizing Microsoft Windows for people with low vision, see “Customizing Windows,” following.

Customizing Windows

There are many ways you can adjust the appearance and behavior of Microsoft Windows to suit varying vision and motor abilities without requiring any additional software or hardware. These include ways to adjust the appearance as well as the behavior of the mouse and keyboard. The specific methods available depend on which operating system you are using. Application notes are available describing the specific methods available for each operating system.

For information relating to customizing Windows 3.0 for people with disabilities, see Application Note WW0786; for Windows 3.1, Application Note WW0787; for Windows for Workgroups 3.1, Application Note WG0788; for Windows NT, Application Note WN0789. For information on obtaining application notes, see “Access Pack for Microsoft Windows,” earlier in this section.

Getting More Information

For more information on Microsoft products and services for people with disabilities, contact Microsoft Sales and Service at (800) 426-9400 (voice) or (800) 892-5234 (text telephone).

The Trace R&D Center at the University of Wisconsin–Madison produces a book and a compact disc that describe products that help people with disabilities use computers. The book, titled *Trace ResourceBook*, provides descriptions and photographs of about 2,000 products. The compact disc, titled *CO-NET CD*, provides a database of more than 17,000 products and other information for people with disabilities. It is issued twice a year.

You can contact the Trace R&D Center at the following address or telephone numbers:

Trace R&D Center	Voice telephone:	(608) 263-2309
S-151 Waisman Center	Text telephone:	(608) 263-5408
1500 Highland Avenue	Fax:	(608) 262-8848
Madison, WI 53705-2280		

For general information and recommendations on how computers can help specific people, you should consult a trained evaluator who can best match your needs with the available solutions. An assistive technology program in your area will provide referrals to programs and services that are available to you. To locate the assistive technology program nearest you, you can contact:

National Information System	Voice/text telephone	
Center for Developmental	outside South Carolina:	(800) 922-9234, ext. 301
Disabilities	Voice/text telephone	
Benson Building	inside South Carolina:	(800) 922-1107
University of South Carolina	Voice/text telephone	
Columbia, SC 29208	outside the U.S.:	(803) 777-6222
	Fax:	(803) 777-6058

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