

Knowledge Base

## HOW TO: Configure Windows 2000 as a Web Server

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The information in this article applies to:

- Microsoft Windows 2000 Server
  - Microsoft Windows 2000 Advanced Server
  - Microsoft Windows 2000 Professional
  - Microsoft Small Business Server 2000
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### SUMMARY

This article is a step-by-step guide for setting up a World Wide Web server for anonymous access in a Windows 2000 environment.

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#### Installing Internet Information Services

Microsoft Internet Information Services (IIS) is the Web service that is integrated with Windows 2000. To install IIS:

1. Click **Start**, point to **Settings**, and then click **Control Panel**.
2. In Control Panel, double-click **Add/Remove Programs**.
3. Click **Add/Remove Windows Components**.
4. In the Windows Components Wizard, select the **Internet Information Services (IIS)** check box, and then click **Details**.
5. Clear all the check boxes, and then select the following check boxes:

**Common Files**  
**Documentation**  
**FrontPage 2000 Server Extensions**  
**Internet Information Services Snap-In**  
**Internet Services Manager**  
**World Wide Web Server**

6. Click **OK**, and then on the Windows Components page, click **Next**. If you are prompted to do so, insert the Windows 2000 CD-ROM, and then click **OK**.
7. On the "Completing the Windows Components Wizard" page, click **Finish**.
8. In the **Add/Remove Programs** dialog box, click **Close**.

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#### Configuring Anonymous Authentication

1. Click **Start**, point to **Programs**, point to **Administrative Tools**, and then click **Internet Services Manager**. (In Windows 2000 Professional, you can start Administrative Tools from Control Panel.)
2. Right-click \* *server name* (where *server name* is the name of the server), and then click **Properties**.
3. In the **Master Properties** box, click **WWW Service** (if it is not already selected), and then click the **Edit** button that is next to the **Master Properties** box.
4. Click the **Directory Security** tab.
5. Under **Anonymous access and authentication control**, click **Edit**.
6. Under **Authenticated access**, select the **Integrated Windows authentication** check box.
7. Select the **Anonymous access** check box, and then click **Edit**. Note the user account in the **Username** box. This account is used by Windows to authenticate anonymous users when they browse the Web site.
8. Click **OK**, click **OK**, click **OK**, and then click **OK**.

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#### Basic Web Site Configuration

1. Start Internet Services Manager.
2. In the **Tree** list, expand \* *server name* (where *server name* is the name of the server).
3. Right-click **Default Web Site**, and then click **Properties**.
4. If you have multiple IP addresses assigned to your computer, click the IP address that you want to assign to this Web site in the **IP Address** box.
5. If you do not want unlimited connections to the Web site, click **Limited To**, and then type the number of concurrent connections that you want.

**NOTE:** Windows 2000 Professional is limited to 10 concurrent connections.

Each client that browses the Web site generally uses about 3 connections.

6. Click the **Performance** tab.
7. Move the **Performance tuning** slider to the position that you want.
8. If you want to limit the amount of network bandwidth that is available for connections to this Web site, select the **Enable bandwidth throttling** check box, and then type the amount that you want in the **Maximum network use** box.
9. If you want to limit the amount of computer processing time spent servicing requests for content on this Web site, select the **Enable process throttling** check box, and then type the amount that you want in the **Maximum CPU use** box.

This prevents the Web site from consuming too much processor time to the detriment of other computer processes.

**NOTE:** Bandwidth throttling is not available in Windows 2000 Professional. For additional information, click the article number below to view the article in the Microsoft Knowledge Base:

[263857](#) Items in the ISM Are Missing or Appear Dimmed on Windows 2000 Professional

10. Click the **Home Directory** tab.
  - o If you want to use Web content that is stored on the local computer, click **A directory located on this computer**, and then type the path that you want in the **Local Path** box. For example, the default path is C:\Inetpub\wwwroot.

**NOTE:** For added security, do not create Web content folders in the root folder.
  - o If you want to use Web content that is stored on a different computer, click **A share located on another computer**, and then type the location that you want in the **Network Directory** box that appears.
  - o If you want to use Web content that is stored on another Web address, click **A redirection to a URL**, and then type the location that you want in the **Redirect to** box. Under **The client will be sent to**, select the appropriate check box.
11. Click the **Documents** tab. Note the list of documents that IIS can use as the default start documents. If you want to use Index.html as your start document, you must add it. To do this:
  - a. Click **Add**.
  - b. In the **Add Default Document** dialog box, type `Index.html`, and then click **OK**.
  - c. Click the **up-arrow** button until Index.html is displayed at the top of the list.
12. Click the **Operators** tab. Note the user accounts that have operator privileges on this Web site. Click **Add** to add additional user accounts to operate this Web site.

**NOTE:** The **Operators** tab is not available in Windows 2000 Professional. For additional information, click the article number below to view the article in the Microsoft Knowledge Base:

[263857](#) Items in the ISM Are Missing or Appear Dimmed on Windows 2000 Professional

13. Click **OK** to return to the Internet Information Services window.
14. Right-click **Default Web Site**, and then click **Stop**.
15. Right-click **Default Web Site**, and then click **Start**.

The server is now configured to accept incoming Web requests to the default Web site. You can replace the content of the default Web site with the Web content that you want, or you can create a new Web site.

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## Troubleshooting

For additional information about troubleshooting Web servers, click the article number below to view the article in the Microsoft Knowledge Base:

[297954](#) HOW TO: Troubleshoot the Web Server in Windows 2000

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## REFERENCES

For additional information about creating an FTP server, click the article number below to view the article in the Microsoft Knowledge Base:

[300662](#) HOW TO: Set Up Windows 2000 as an FTP Server

For additional information about publishing Web sites behind Internet Security and Acceleration Server, click the article number below to view the article in the Microsoft Knowledge Base:

[300435](#) HOW TO: Securely Publish Multiple Web Sites Using ISA Server

For additional information about name resolution, click the article number below to view the article in the Microsoft Knowledge Base:

[108295](#) TCP/IP Name Resolution

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