

Knowledge Base

HOW TO: Limit FTP Access in Windows 2000

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The information in this article applies to:

- Microsoft Internet Information Server 5.0
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SUMMARY

This step-by-step article describes how to create a File Transfer Protocol (FTP) site, and then configure the site so that access to the site is limited.

NOTE: FTP must be installed on your computer for these steps to work.

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Create an FTP Site

To start the Microsoft Internet Information Services (IIS) snap-in and create an FTP site:

1. Click **Start**, point to **Programs**, point to **Administrative Tools**, and then click **Internet Information Manager**.
2. In the Internet Information Services snap-in, right-click your server object, point to **New**, and then click **FTP Site**.
3. When the FTP Site Creation Wizard starts, click **Next**.
4. On the FTP Site Description page, type your FTP site description in the **Description** box, and then click **Next**.
5. On the IP Address and Port Settings page, select the IP address that you are using, type the TCP port you are using (if it is different from the default port), and then click **Next**.
6. On the FTP Site Home Directory page, type the path to your home directory in the **Path** box, and then click **Next**.
7. On the FTP Site Access Permissions page, check the appropriate **Read** and/or **Write** permissions, and then click **Next**.
8. Click **Finish**, and then verify the creation of your FTP Site in the console tree.

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Limit the Number of Connections

Administrators can use Internet Service Manager to limit the number of connections for the FTP services.

1. Click **Start**, point to **Programs**, point to **Administrative Tools**, and then click **Internet Services Manager**.
2. In the Internet Information Services snap-in, right-click your server object, click **Properties**, and then click the **FTP Site** tab.
3. Under **Connection**, click **Limited To**, and then type the maximum number of simultaneous connections that will be permitted to the server.
4. In the **Connection Timeout** box, type the length of time before the server disconnects an inactive user. This ensures that all connections are closed if the HTTP protocol cannot close a connection.
5. Click **OK**.

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Configure Anonymous or Domain User Access

You can use Internet Service Manager to configure logon requirements for the FTP service. If the FTP service is configured for anonymous logon, clients can log on with the user name "anonymous." Traditionally, anonymous FTP users log on by using their e-mail addresses as passwords. Note that Internet Explorer automatically logs on anonymously to all FTP servers that permit anonymous logon.

By default, FTP clients are also permitted to log on with a Windows NT user name and password with permissions to use that computer. You can use this feature to control every user's access permissions and file access on Windows NT File System (NTFS) drives.

Click to select the **Allow anonymous only** check box to prevent users from using user names. With this feature on, any account other than "anonymous" cannot log on. This is useful for security because only one account, the one that is assigned for anonymous logon, is permitted access, and intruders cannot try to gain access with the administrator account.

To configure the site for anonymous or Domain User access:

1. Click **Start**, point to **Programs**, point to **Administrative Tools**, and then click **Internet Information Manager**.
2. In the Internet Information Services snap-in, right-click your server object, and then click **Properties**.
3. Click the **Security Accounts** tab, and then do either of the following:
 - Click to select the **Allow Anonymous** check box to allow users to be anonymously authenticated on your site.

- o Click to clear the **Allow Anonymous** check box if you want to extend FTP access to domain users only. Click to clear this check box and make sure user accounts exist for each person you want to authenticate.

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Limit Access to Specific Computers

You can set up an FTP site with different levels of access for different users. To limit access to only certain computers:

1. In the Internet Information Services snap-in, right-click your server object, and then click **Properties**.
2. Click the **Directory Security** tab, and then click **Edit** in the **IP address and domain name restrictions** section.
3. You can grant or deny access to all computers or subnets except those you specify. Note that on an NTFS file system, you can also use a single virtual directory and set the NTFS permissions to grant or deny different types of access to different Windows user accounts.

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Troubleshooting

- If the newly-created FTP Site does not appear in the console tree, click **Refresh** on the **Action** menu.

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REFERENCES

[309007](#) Create an FTP Site in the Internet Information Manager Snap-in in Windows 2000

[308981](#) HOW TO: Administer IIS 5.0 by Using the Internet Information Manager Snap-In

[308995](#) HOW TO: Create a NNTP Virtual Server in the Internet Information Services Snap-in

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