Instructions for setting up individual FTP Server with FileZilla

Unlike HTTP - designed to forward hyper - text data over TCP connections, standard FTP ensures that the server responds to requests as soon as it receives a signal from the host. Not only provides fast and accurate file transfer, but also security, gives users more options in the process of downloading and uploading data ...

FTP Client applications like FileZilla, Cyberduck, WinSCP . are being used quite popularly and widely today to access, upload and download data to users' web servers by creating connections via FTP - delivery File Transfer Protocol with the main task is to receive and process requests for sending or receiving data, creating a direct connection to the host host.Unlike HTTP - designed to forward hyper - text data over TCP connections, standard FTP ensures that the server responds to requests as soon as it receives a signal from the host.Not only provides fast and accurate file transfer, but also security, gives users more options in the process of downloading and uploading data, and one of the most convenient features is Resume.In the following article, we will introduce you to a few basic steps to set up a personal FTP server system, through which users can access from anywhere via FTP client application, allowing more Different accounts upload and download data directly to the server.

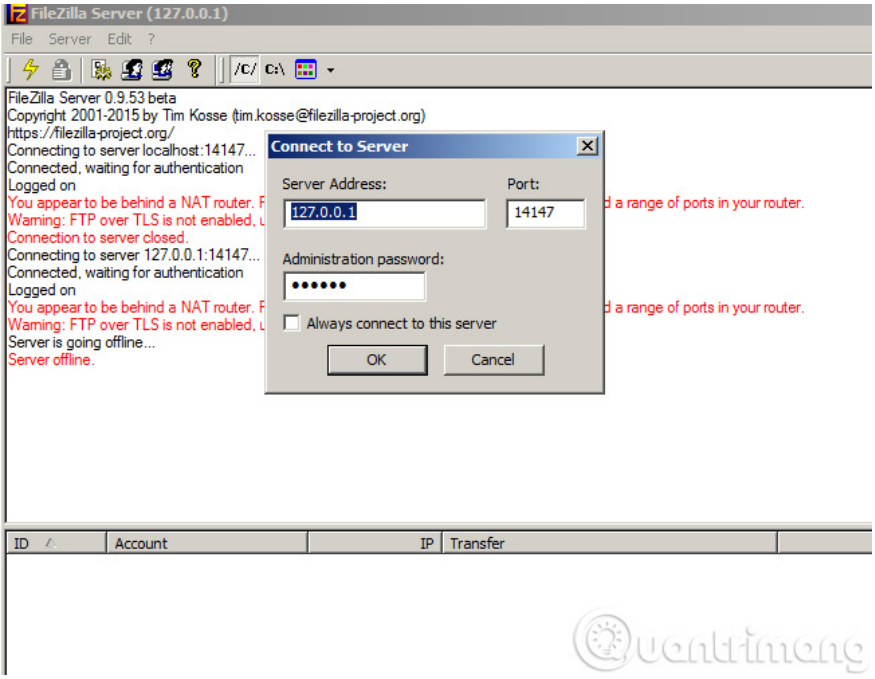
1. FileZilla FTP Server

The process of setting up and configuring **FTP Server is** quite complicated, but if you create a **FileZilla FTP Server** system yourself, it is possible to turn a **Windows-** based **computer** into an FTP server, then establish a connection with multiple computers. Other client properties. In essence, **FileZilla FTP Server** is a free and open source application for Windows operating systems, supporting secure **FTP** connection protocols and **FTP** over **SSL / TLS** to the server. When using the **SSL** protocol, we can encrypt the connections between hosts to ensure the amount of data is transmitted securely, while the application also allows users to choose multiple addresses. and different server ports.

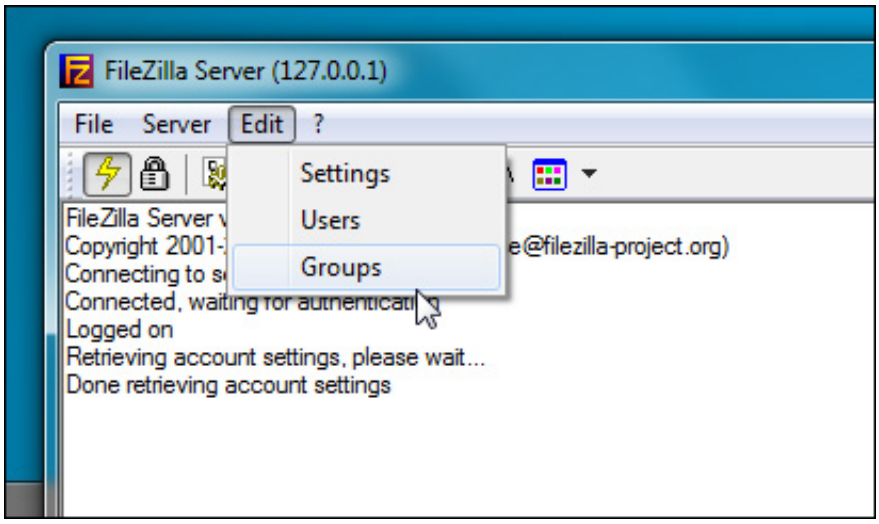
FileZilla Server Interface not only provides users the convenience of creating and managing users, but also setting read or write permissions for each different account, so the manager will limit access. Unauthorized access to private documents. In addition, we can create **Group** - used to combine multiple user accounts with the same level of decentralization, and some other settings such as server limit, activation or non-use **SSL** function when users log in, maximum data transfer rate .

To do so, please download and install the **FileZilla** software for **Server** , then start the application, enter the localhost address (**127.0.0.1**) in the **Server Address** section and the password in the **Administration Password** box, the value The default port here is **14147** . Click **OK** :

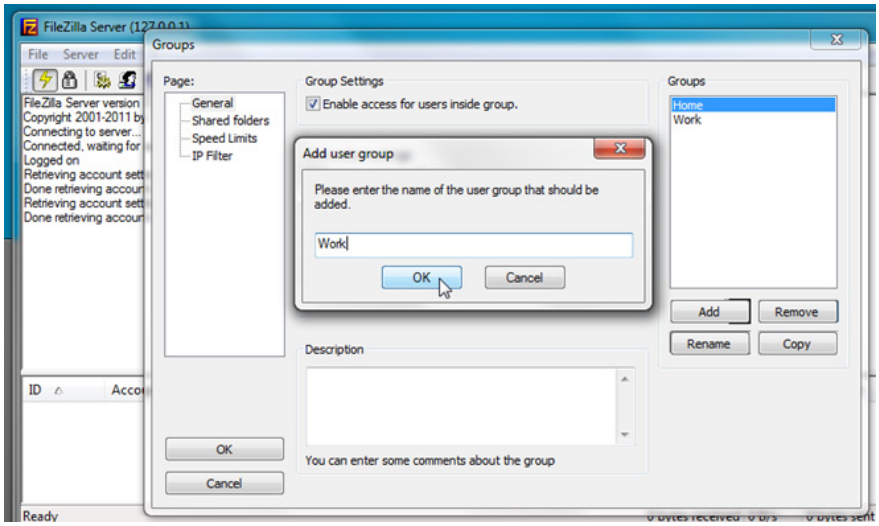
1. Download FileZilla Server



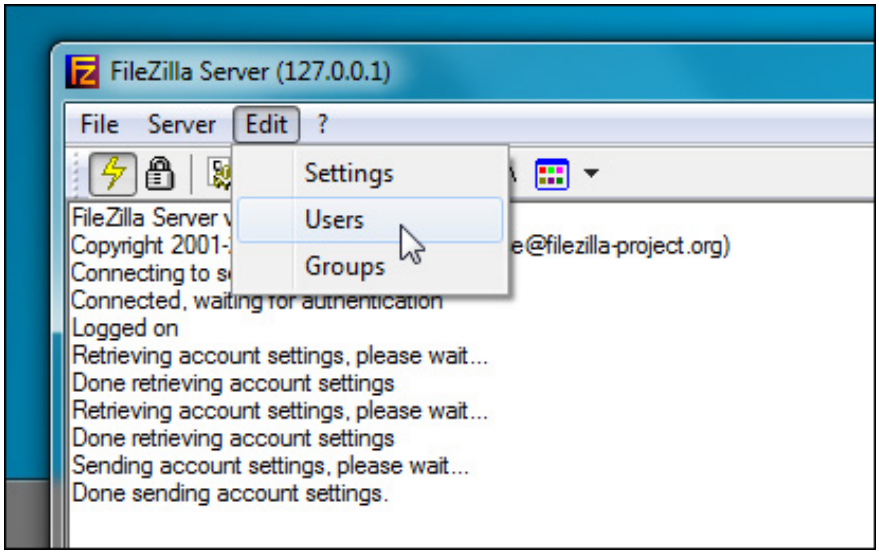
As mentioned above, **Group** will make it easier for us to manage many similar user accounts. The first thing to do here is to create a new **Group** , then assign each account separately to this group. Select the **Edit> Groups** menu as shown below:



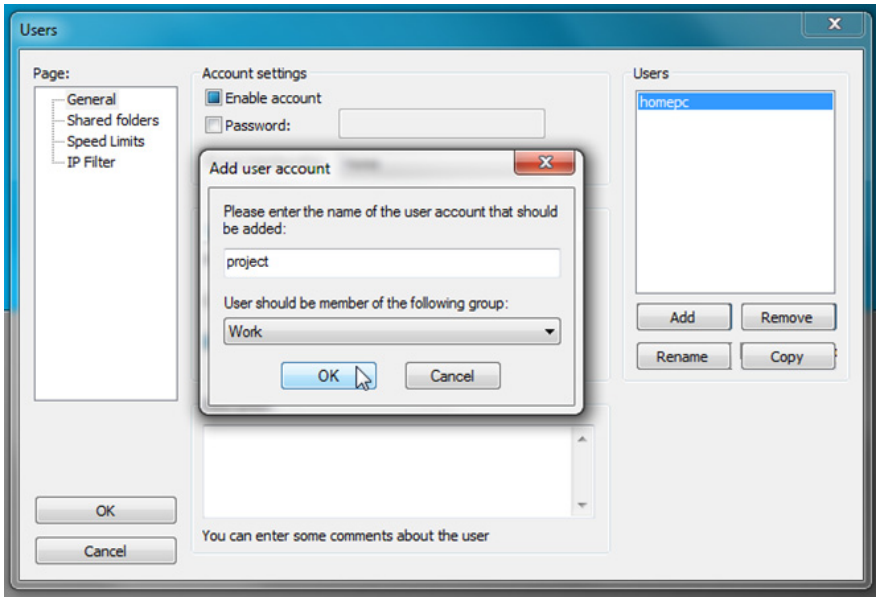
The **Groups** panel will display, we will first click **Add** and enter the name of the group to create, then enable access for the accounts within the group from the **Group Settings** section. Next is the directory assignment. will be allowed to share with the client, go to Shared folders section from the left side and select the folder to share to assign here. Then, we will move on to the next step of assigning the user account to the **Group** :



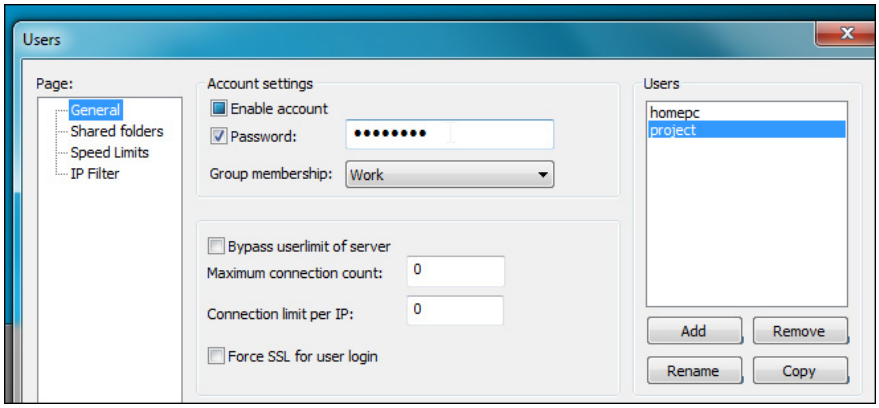
From the **Edit** menu, you select **Users** :



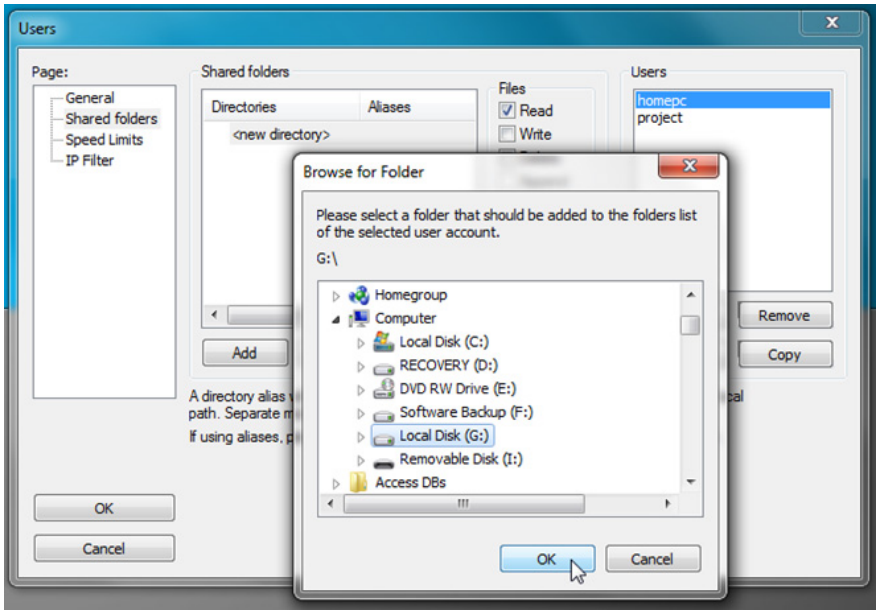
Similar to **Groups** , we can create user accounts - **User** and set the read and write permissions respectively. Click the **Add** button, give your account a name, select the corresponding group from the drop-down menu, then click **OK** to finish:



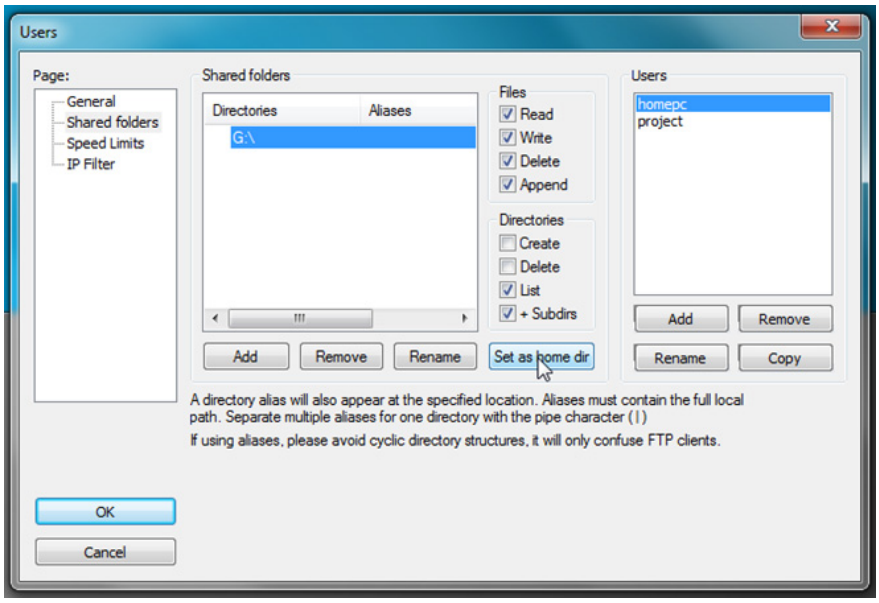
In the default mode, the system will create a user account with a blank password, but if you want to set a password to protect the User, then activate the **Password** option in the **Account Settings** section **.** Here, we can change **Group membership** , enable the **Bypass userlimit of server** and **Force SSL options for user login:**



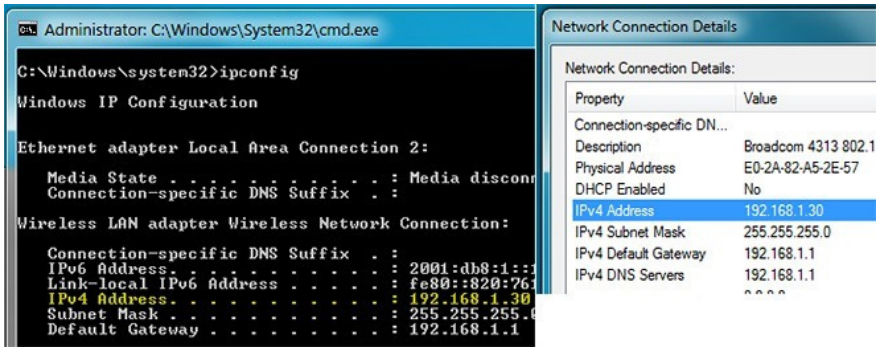
If you don't specify any shared folders while creating **Groups** , you can assign them later. Just select **Shared folders** then click **Add** from **Shared folders:**



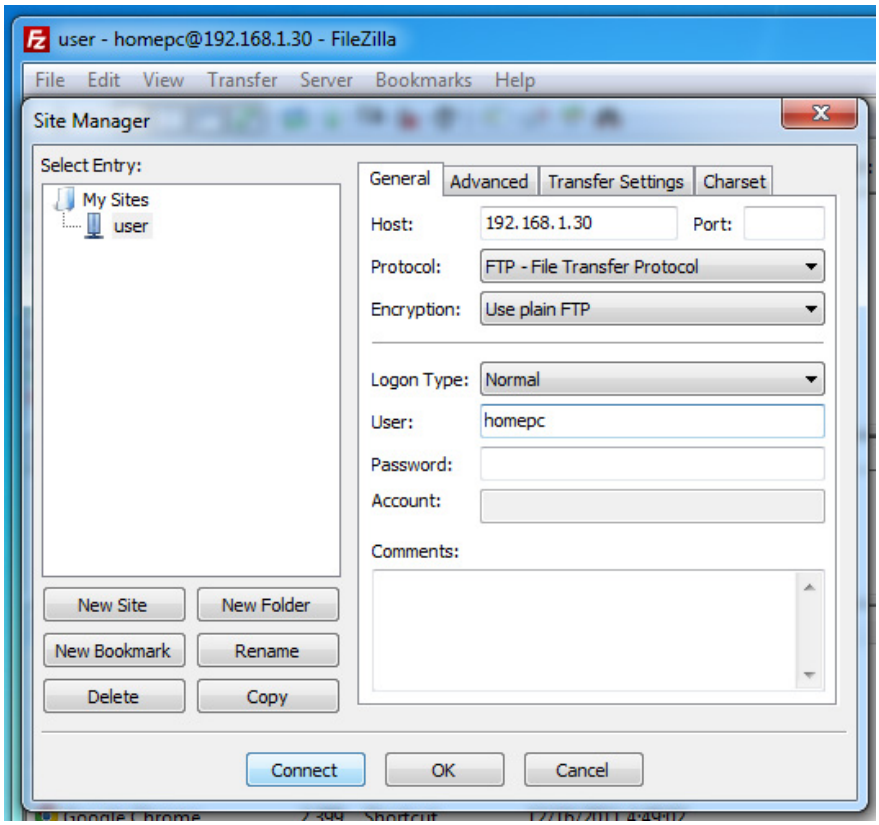
The **Files** and **Directories section** allows us to confirm the level of authorization for user accounts, including: reading, writing, deleting, listing. By default, the program will automatically assign permissions to all components within the shared folder. However, you can turn off the option **+ Subdirs** to restrict access, in the **Shared Limits** section, it is up to the maximum download and upload speeds for each account, depending on the time of the day, and in the **IP Filter** section we can remove fixed IP addresses:



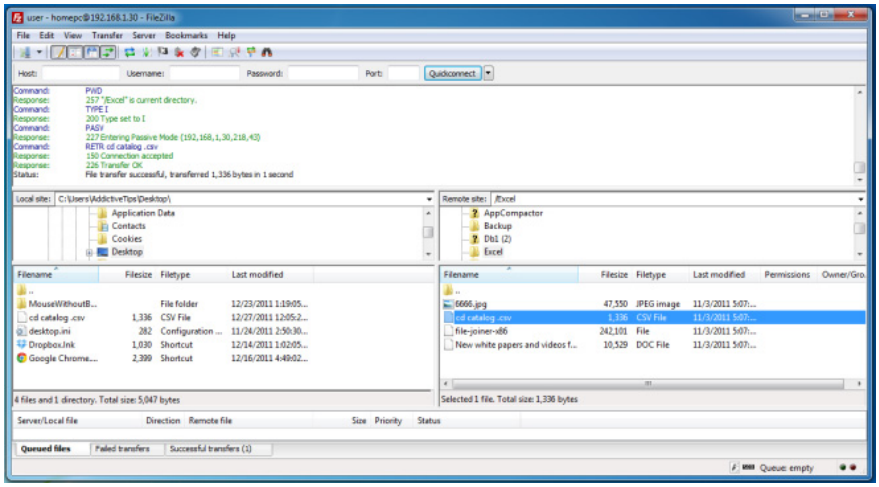
When the User setup process is complete, we will switch to the client system to initiate the connection to the FTP server. If you want to transfer data through the local network, you can use the IP address of the server to create a connection from the client. Use the **ipconfig** command in the **Command Prompt** to find the IP address as shown below:



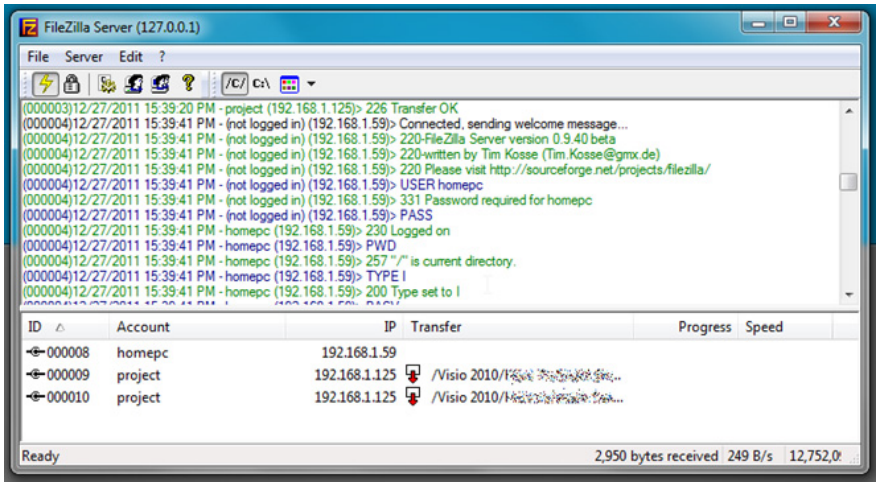
Then, open **FileZilla FTP** and select **File> Site Manager,** enter the required information here. If the client is connected to the same network, enter the IP address of the server in the **Host** section to connect, then select **Normal** from the **Logon Type** section. Next, enter the username in the **User** box, the password in the **Password** :



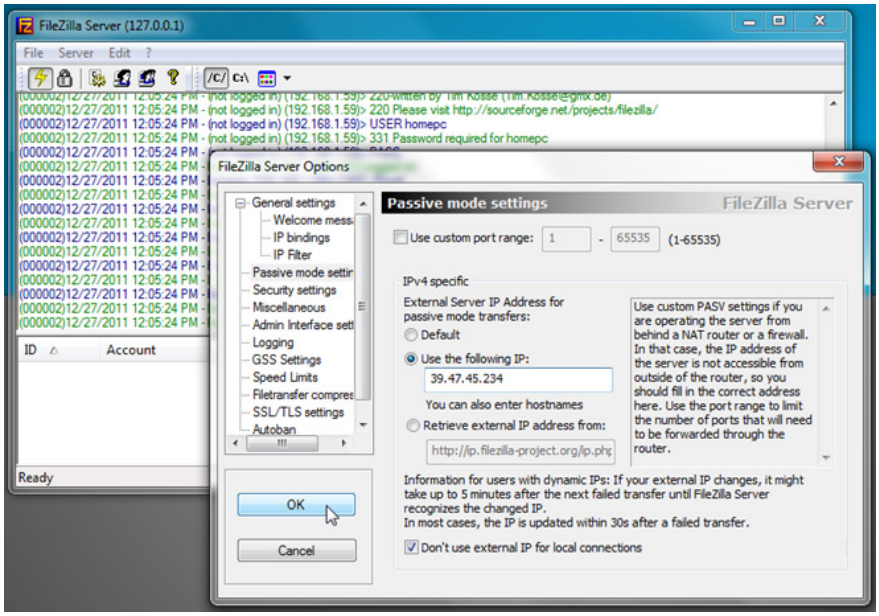
When done, click the **Access** button:



FileZilla FTP Server will record all information about received and sent requests, including client connection addresses, login names, IP addresses, file transfer speeds:



Besides, you can also share the IP address of the server with the clients not in the network. To determine the IP address to automatically transfer, open **FileZilla Server Options** from the main menu and select the **Passive mode settings** tab, activate the **Use the following IP option** and enter the IP address to share. You can **leave** the option to receive IP addresses from **ip.filezilla-project.org/ip.php** or set it yourself:



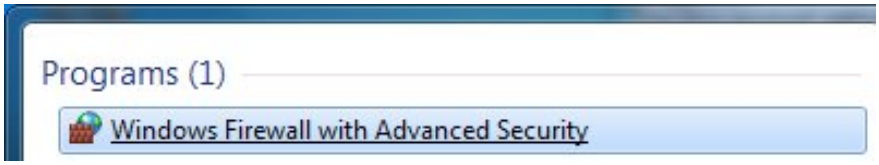
Once completed, the external client system can connect to your server and access the shared folder. If an error occurs here, it may be due to the Windows **Firewall** or router system.

2. Windows Firewall (firewall) exception

If you use 3rd party programs, applications or antivirus programs, the first thing to note is that the FTP Serer port is selected by the Firewall (firewall).

If the Windows Firewall is enabled, you need to add an exception port.

Go to the Start Menu, enter Windows Firewall into the Search box, then click **Windows Firewall with Advanced Security.**

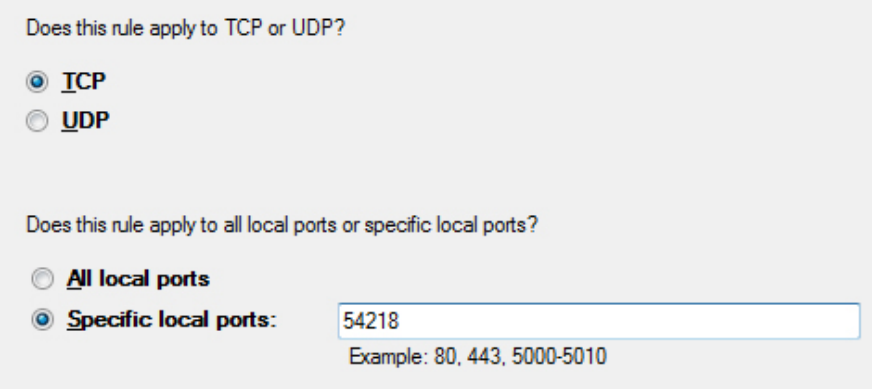


On the Windows Firewall with Advanced Security interface, click **Inbound Rules** in the left column and select **New Rule .** in the right column.

You will be allowed 1 port through the firewall. When asked 'What type of rule would you like to create', click on **Port** and select **Next** .

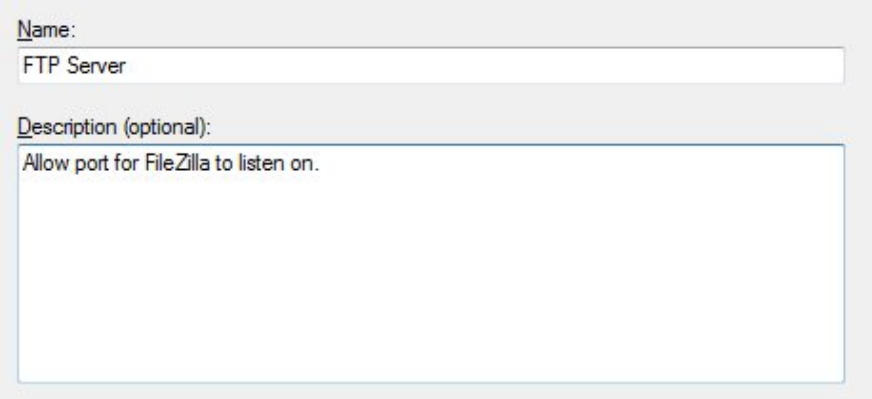
Enter the port you want to select to run the FTP Server (by default, port number 21).

In the example below we select port 54218.



After you have entered the port number, click **Next** 3 times.

Next enter the name and add a description for this exception port so you can easily search. Finally click **Finish.**

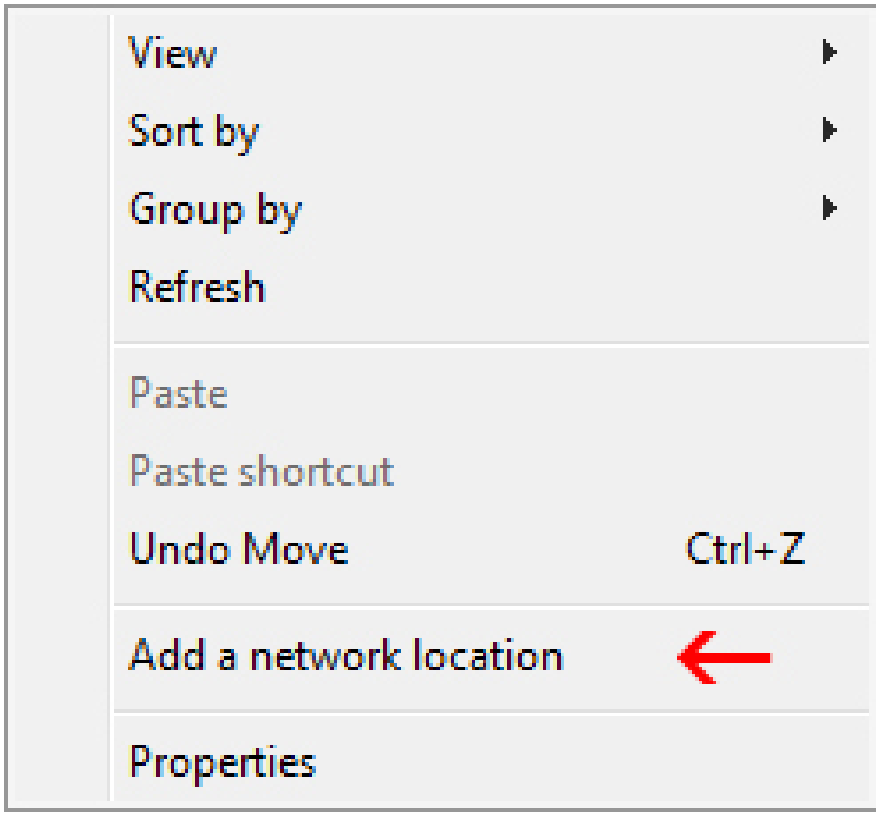


3. Map FPT Share on other computers

After setting up the FTP Server, you can allow other users to connect to the FTP Server you just created (note: make sure you allow their IP address to connect).

In addition, you can use FileZilla application interface to connect to FTP Share, or you can map FTP Share on the computer displayed in Explorer.

Open Computer then right-click any space and select **Add a network location** .

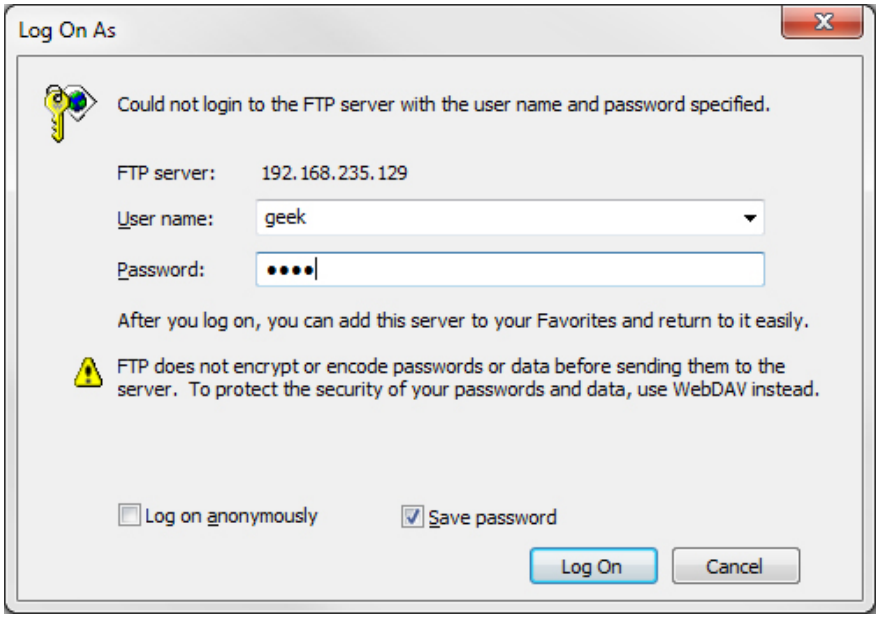


Now the Add Network Location wizard window will appear, click **Next** 2 times. Then enter your IP address and FTP Server port number and click **Next.**

Leave the option **Log on anomymously** and enter the user account name you use to configure the FTP Server.

Click on **Next** 2 times and then click **Finish** .

Now you will be asked to enter the password, then you can browse any file on the hard drive to FTP Share.



Good luck!

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