

# How to create a VPN server on Windows without using software?

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It may be suitable for connecting to your family's network or when playing games on the local network with someone who is one of the reasons you want to use a VPN.

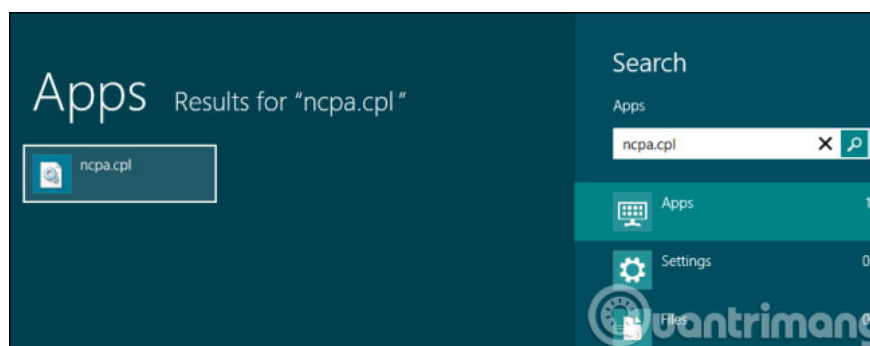
1. Create VPN Server on Windows 8
2. Setting up VPN yourself does not need support from expensive software
3. Single sign-on VPN with Windows 7

## Restrictions

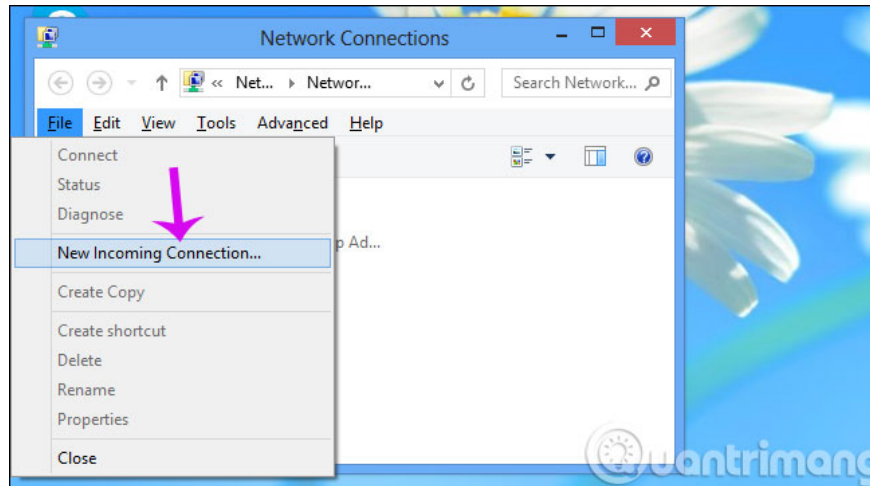
1. You will need 1 set of transitions to the router
2. You must publicize the Windows operating system and 1 VPN server port directly to the Internet, thus affecting security. Therefore, you should use a strong password and use a different port than the default one.
3. It is not easy to install and use software like LogMeIn Hamachi and Team Viewer

## How to create a VPN server

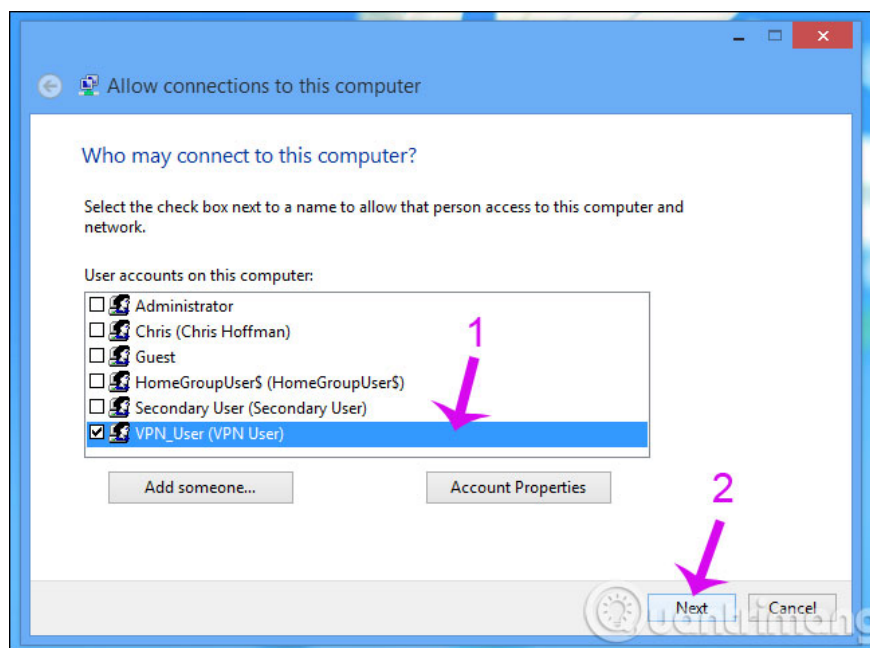
First, you need to open the **Network Connections** window, simply type **ncpa.cpl** into the search box and press **Enter**.



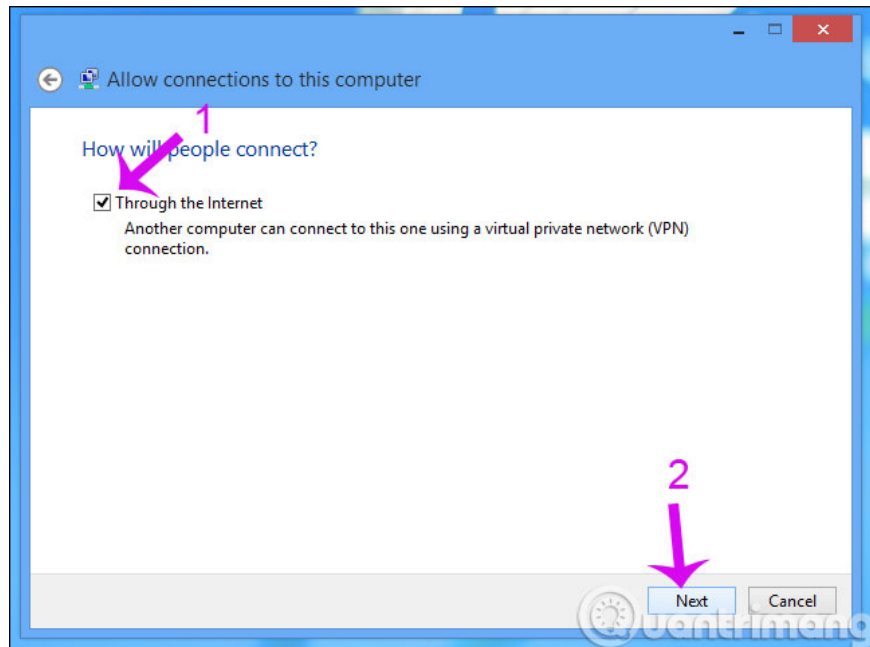
Next, press **Alt** and click on **the File menu** when it appears, select **New Incoming Connection** .



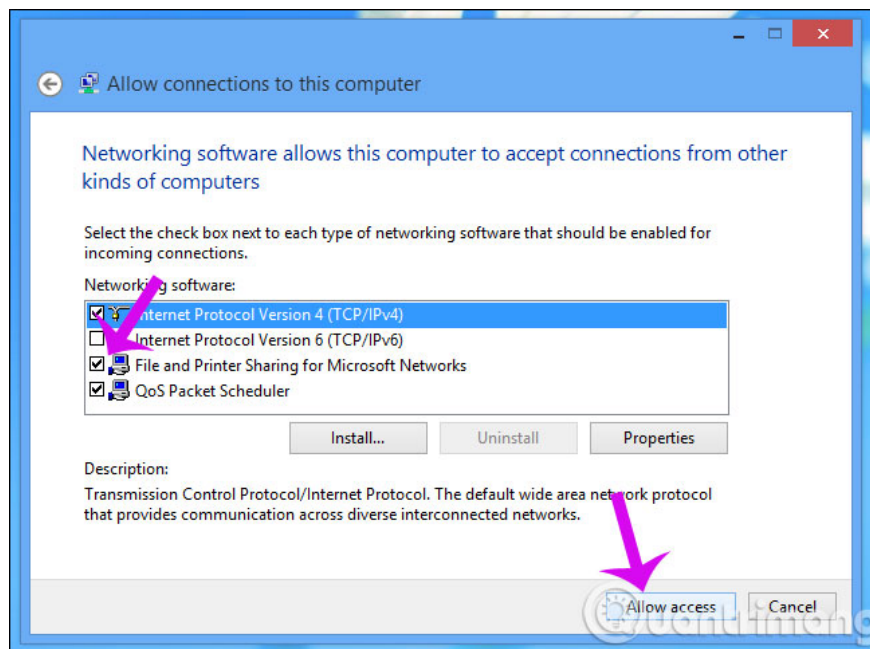
You can now choose which accounts can be remotely connected. For added security, you may want to create a new one, a limited user account is allowed to login more VPN from the main account ( *click Add to add a new account* ). Make sure that people use strong passwords because weak passwords are easy to steal



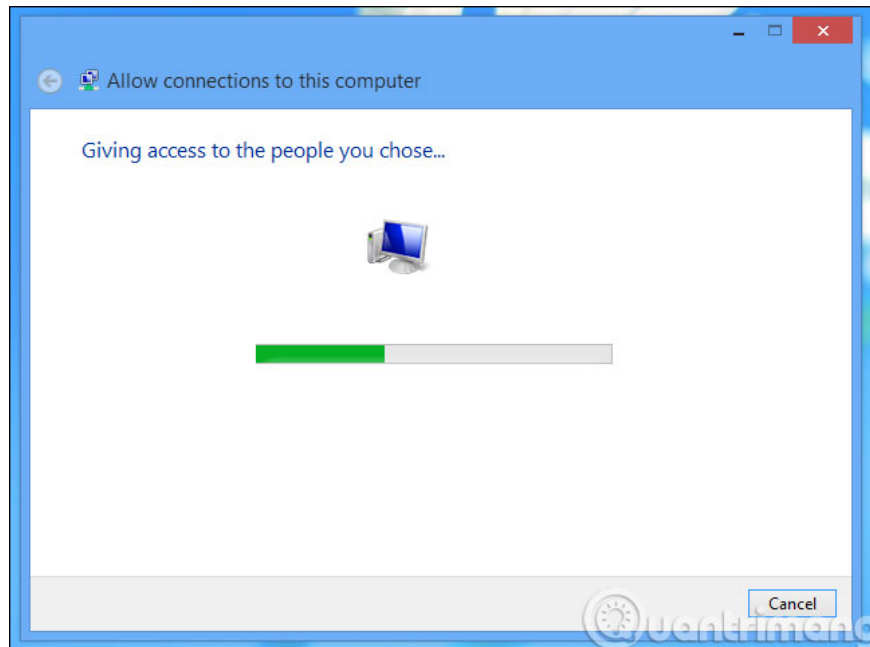
You tick the box **Through the Internet** to allow VPN connections over the Internet, you can use Dial up modem to allow connection to.



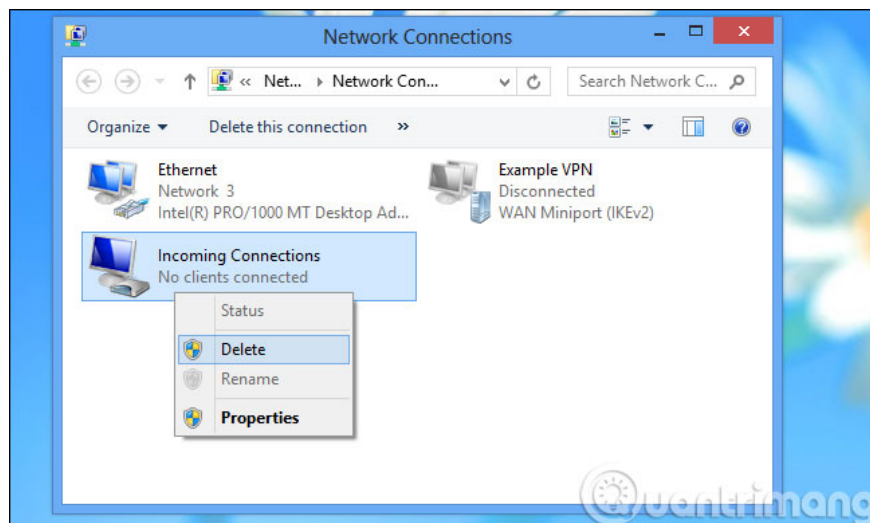
Here, you can choose connection protocols that allow incoming connections. For example, if you do not want people to connect to the VPN to access the shared printer and file, you can uncheck the **Files and Printers Sharing box**.



Then, click on **Allow access** and wait for Windows to set up a VPN server



If you later want to remove the VPN server, simply delete the **Incoming Connections** entry in **Network Connections** .



## Install the router

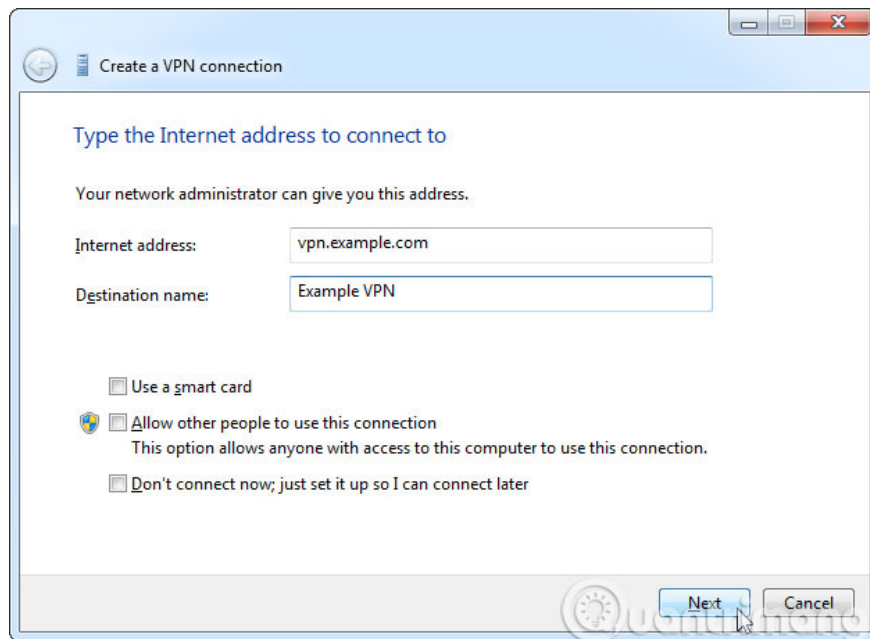
Now you need to log into the router page and forward port 1723 to the IP address of the computer where you set up the VPN server. For maximum security, you can create a port forwarding rule, allowing a random port switch ( eg 23242 ) to port 1723 in the computer. It will allow connection to the VPN server using port 23243 and will protect you from malicious programs from the default gateway connection.

You can also use fire ideas to only allow certain IP addresses to be connected.

## How to connect to your VPN server

To connect to the VPN server, you will need your computer's " *public* " IP address or a dynamic DNS address, if you have set up a dynamic DNS service above.

Use the connection to a Windows network option and enter the computer's public IP address. After that, log in with the username and password you created above.



In addition, you can use software to create VPN server like **Free VPN** , **OpenVPN** .

**Good luck!**

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