D-Link
Building Networks for People

How do I configure the PPTP Server on my DI-804HV or DI-824VUP+ so I can VPN using Network and Dial-up Connections on a WinXP or Win2k machine?

Step 1 Login to the router. Open your web browser and type in the IP address of the router (192.168.0.1). Enter the username (admin) and password (blank by default), and then click **OK**.

Step 2 Click on **VPN** and then click **PPTP Server Setting**.

Step 3 Check the box to **Enable** PPTP server. Insert the Virtual IP of the PPTP Server (IE 192.168.2.1). This must be different from the LAN IP Address. Select the **Authentication Protocol** by selecting the appropriate radio button. Name your tunnel and insert a **User Name** and **Password** for your PPTP client.
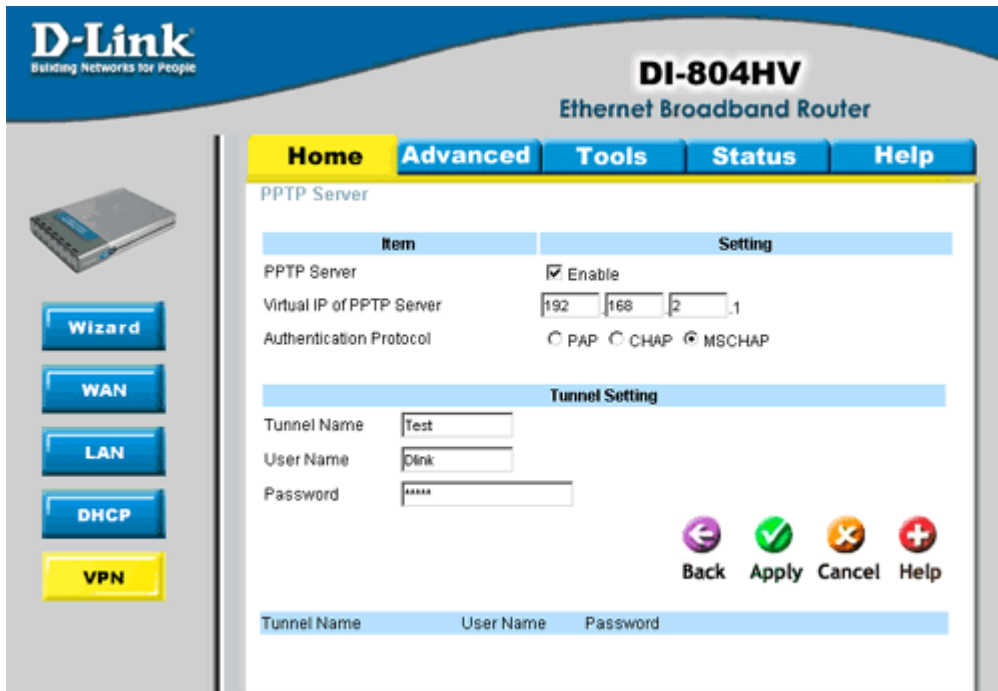
Step 4 Click the **Apply** button to save your changes.

How to configure the windows client
Note: This is not supported by D-link

Use the Create a new connection wizard, following pictures will illustrate the right options:

New Connection Wizard

Network Connection Type
What do you want to do?

○ **Connect to the Internet**
Connect to the Internet so you can browse the Web and read email.

⦿ **Connect to the network at my workplace**
Connect to a business network (using dial-up or VPN) so you can work from home, a field office, or another location.

○ **Set up a home or small office network**
Connect to an existing home or small office network or set up a new one.

○ **Set up an advanced connection**
Connect directly to another computer using your serial, parallel, or infrared port, or set up this computer so that other computers can connect to it.

[< Back] [Next >] [Cancel]

New Connection Wizard

Network Connection
How do you want to connect to the network at your workplace?

Create the following connection:

○ **Dial-up connection**
Connect using a modem and a regular phone line or an Integrated Services Digital Network (ISDN) phone line.

⦿ **Virtual Private Network connection**
Connect to the network using a virtual private network (VPN) connection over the Internet.

[< Back] [Next >] [Cancel]

New Connection Wizard

Connection Name
Specify a name for this connection to your workplace.

Type a name for this connection in the following box.

Company Name

Pick a name of your choice

For example, you could type the name of your workplace or the name of a server you will connect to.

[< Back] [Next >] [Cancel]

New Connection Wizard

Public Network
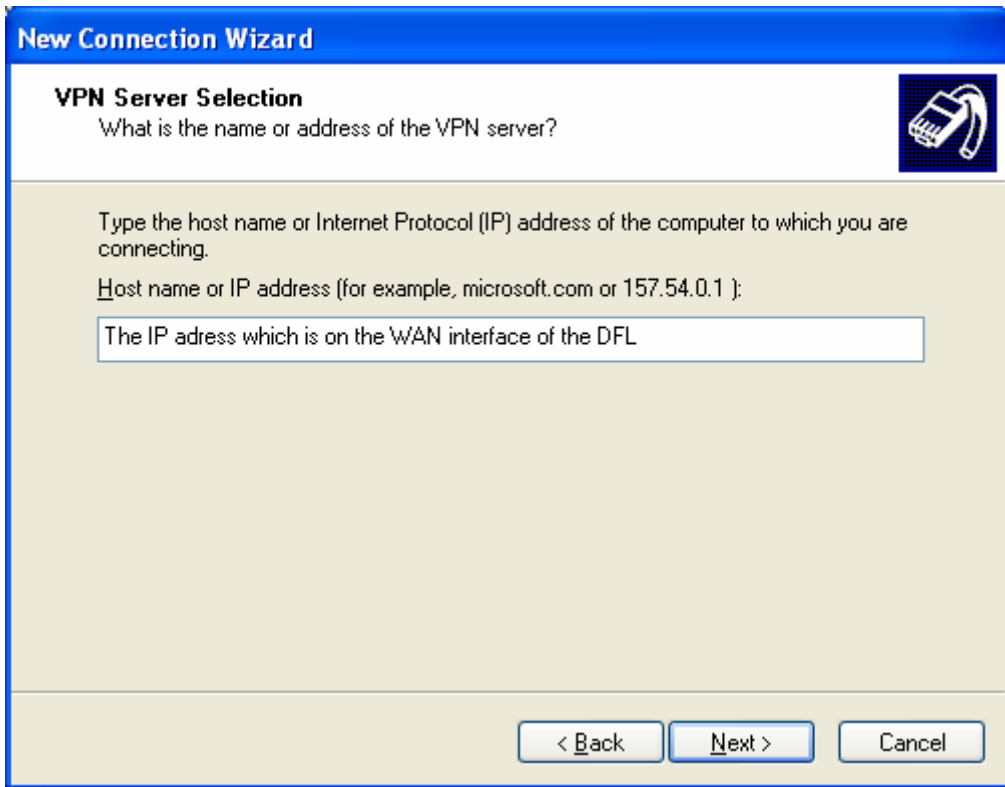Windows can make sure the public network is connected first.

Windows can automatically dial the initial connection to the Internet or other public network, before establishing the virtual connection.

● Do not dial the initial connection.

○ Automatically dial this initial connection:

[< Back] [Next >] [Cancel]

New Connection Wizard

VPN Server Selection
What is the name or address of the VPN server?

Type the host name or Internet Protocol (IP) address of the computer to which you are connecting.

Host name or IP address (for example, microsoft.com or 157.54.0.1):

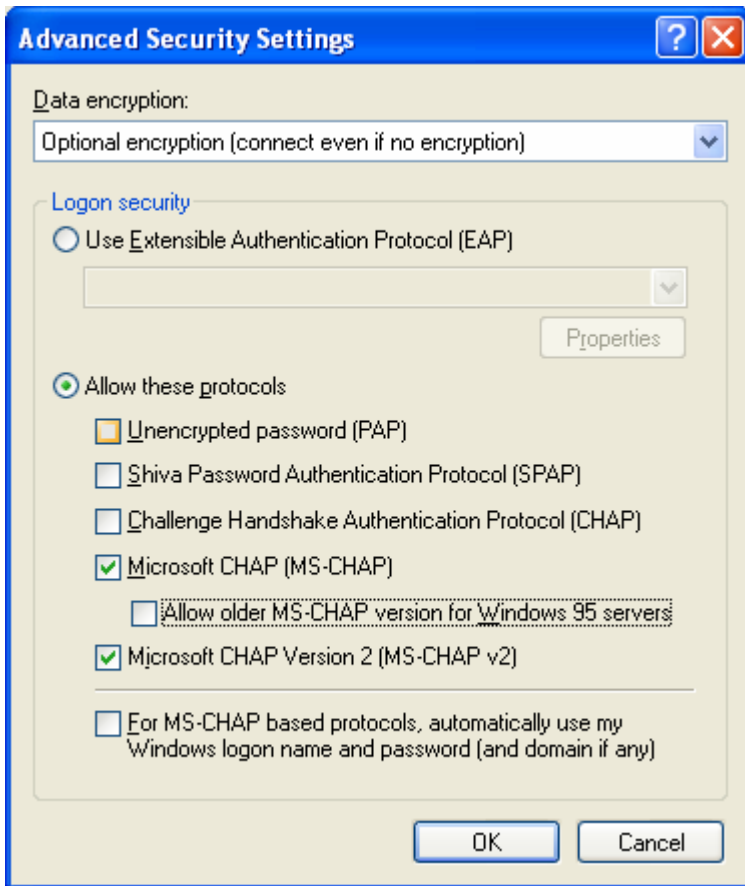The IP adress which is on the WAN interface of the DFL

[< Back] [Next >] [Cancel]

Now that the connection is created you need to right click on the connection and choose properties.
Once there you choose the security tab and set it on advanced and click on settings where the following window should appear and the settings shown in the pictures should be applied:

Advanced Security Settings

Data encryption:

Optional encryption (connect even if no encryption)

Logon security

○ Use Extensible Authentication Protocol (EAP)

Properties

⊙ Allow these protocols

☐ Unencrypted password (PAP)

☐ Shiva Password Authentication Protocol (SPAP)

☐ Challenge Handshake Authentication Protocol (CHAP)

☑ Microsoft CHAP (MS-CHAP)

☐ Allow older MS-CHAP version for Windows 95 servers

☑ Microsoft CHAP Version 2 (MS-CHAP v2)

☐ For MS-CHAP based protocols, automatically use my Windows logon name and password (and domain if any)

OK   Cancel

Once you have clicked ok you choose the tab Networking and double click on Internet Protocol(TCP/IP).
In that window you choose advanced, uncheck use default gateway… and click ok

Now you are good to go but do remember if you are behind a firewall with the client machine it needs to allow VPN traffic.