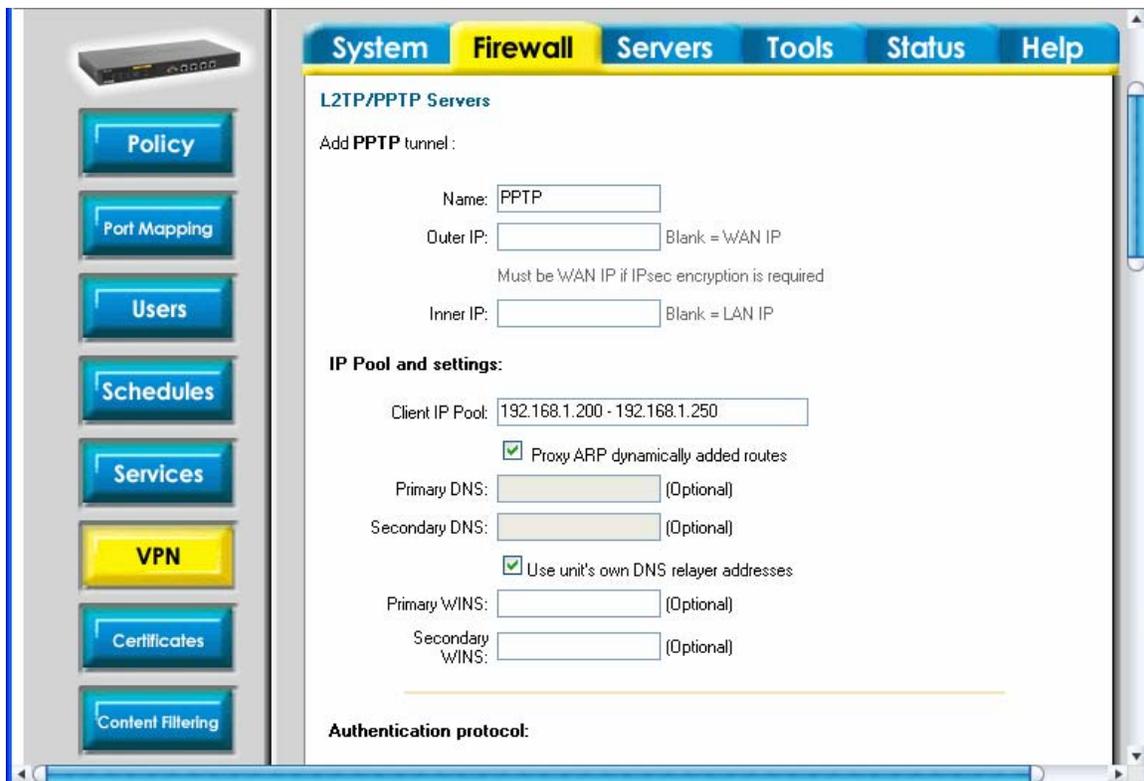


PPTP with DFL-200/700/1100

This guide will help you to setup a tunnel between your firewall and the built in PPTP client in Windows XP

In you DFL setup you need to go to the tab Firewall where you choose VPN and click on Add new PPTP server.

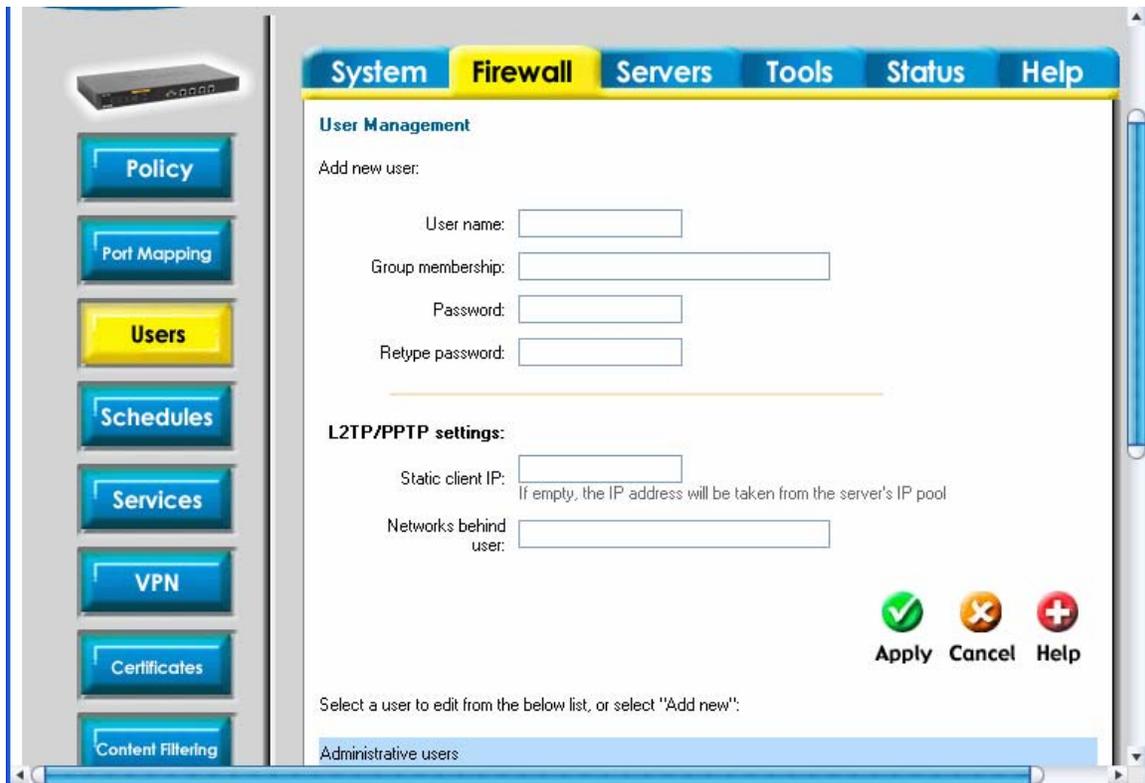
The following window should now be shown:



The screenshot shows the D-Link Firewall configuration interface. The 'Firewall' tab is selected, and the 'L2TP/PPTP Servers' section is active. The 'Add PPTP tunnel' section includes fields for Name (PPTP), Outer IP, and Inner IP. The 'IP Pool and settings' section includes a Client IP Pool (192.168.1.200 - 192.168.1.250), checkboxes for Proxy ARP and DNS relay, and fields for Primary and Secondary DNS and WINS. The 'Authentication protocol' section is partially visible at the bottom.

The only thing you need to enter here is a name for the tunnel and the IP range that you want to assign to the accessing clients, this range has to be in the same network as the rest of the network but the range itself should not interfere with the local DHCP range. For example the LAN has an IP range assigned by DHCP on 192.168.1.100 – 192.168.1.199 then a good range for the tunnel could be 192.168.1.200 – 192.168.1.250 .

The next step is to add users in the local database this you can do under Firewall -> Users where you choose Add new under Users in local database. Now the following page should be presented:



The only things you need to put in here is the wanted username and password. When you have finished configuring your user and activated changes the DFL is ready to accept incoming PPTP connections.

How to configure the windows client

Note: This is not supported by D-link

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

New Connection Wizard

Network Connection Type

What do you want to do?



- C**onnect to the Internet
Connect to the Internet so you can browse the Web and read email.
- C**onnect 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.
- S**et up a home or small office network
Connect to an existing home or small office network or set up a new one.
- S**et 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:

- D**ial-up connection
Connect using a modem and a regular phone line or an Integrated Services Digital Network (ISDN) phone line.
- V**irtual Private Network connection
Connect to the network using a virtual private network (VPN) connection over the Internet.

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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

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

New Connection Wizard

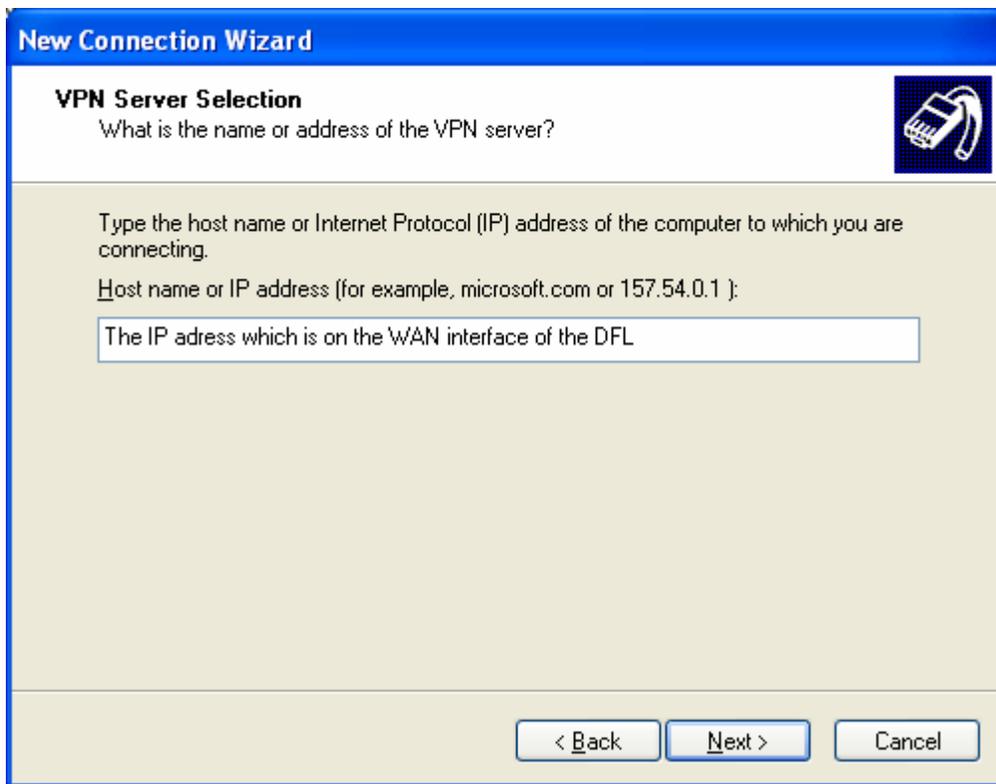
Public Network

Windows can make sure the public network is connected first.

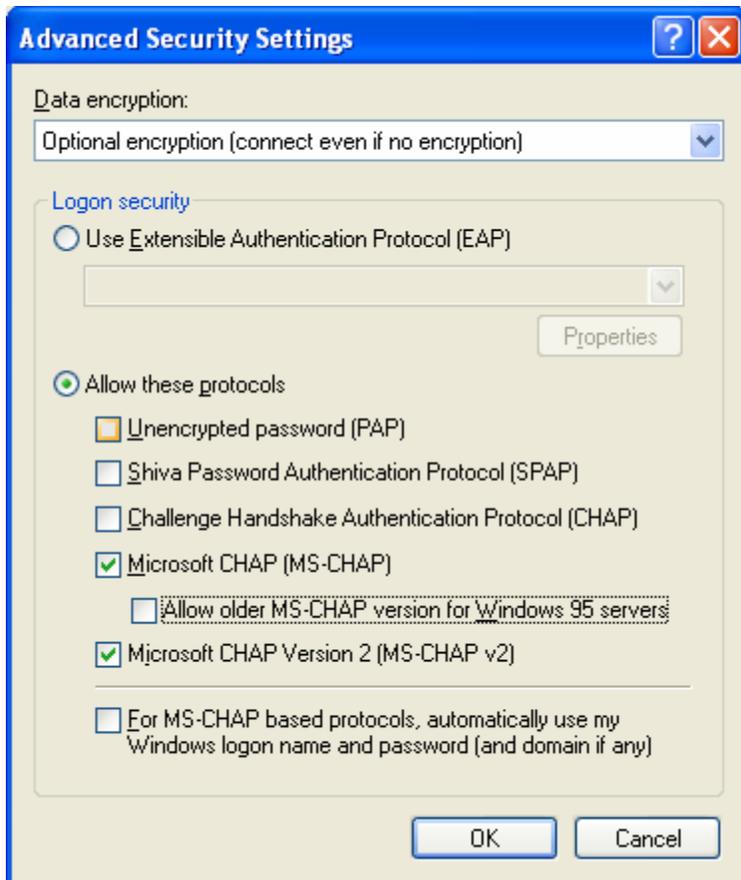


Windows can automatically dial the initial connection to the Internet or other public network, before establishing the virtual connection.

- Do not dial the initial connection.
- Automatically dial this initial connection:



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:



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.