

## Setting up D-Link VPN Client to VPN Routers

### Office Unit: DI-804HV (firmware 1.41)

LAN IP: 192.168.100.22 Subnet Mask: 255.255.255.0

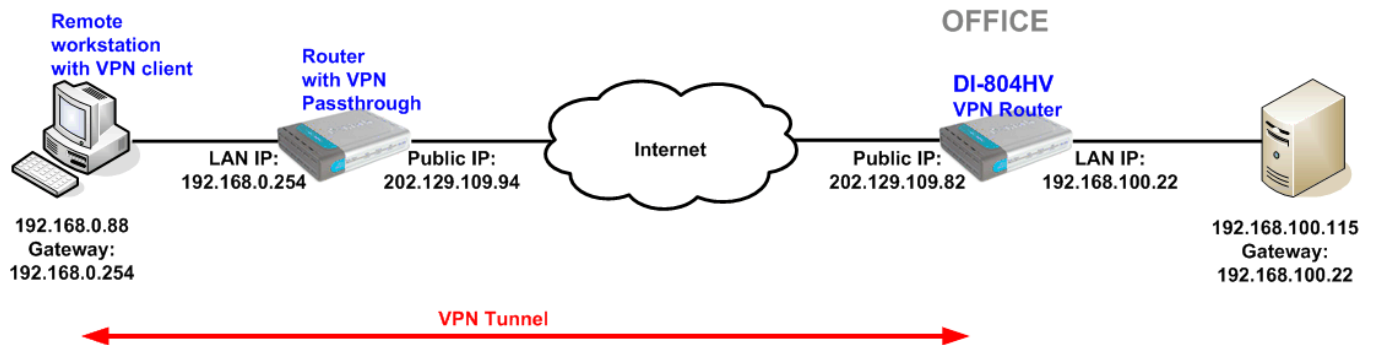
WAN IP: 202.129.109.82 Subnet Mask: 255.255.255.224

Default Gateway: 202.129.109.65

### Remote PC:

IP: 192.168.0.108 Subnet Mask: 225.255.255.0

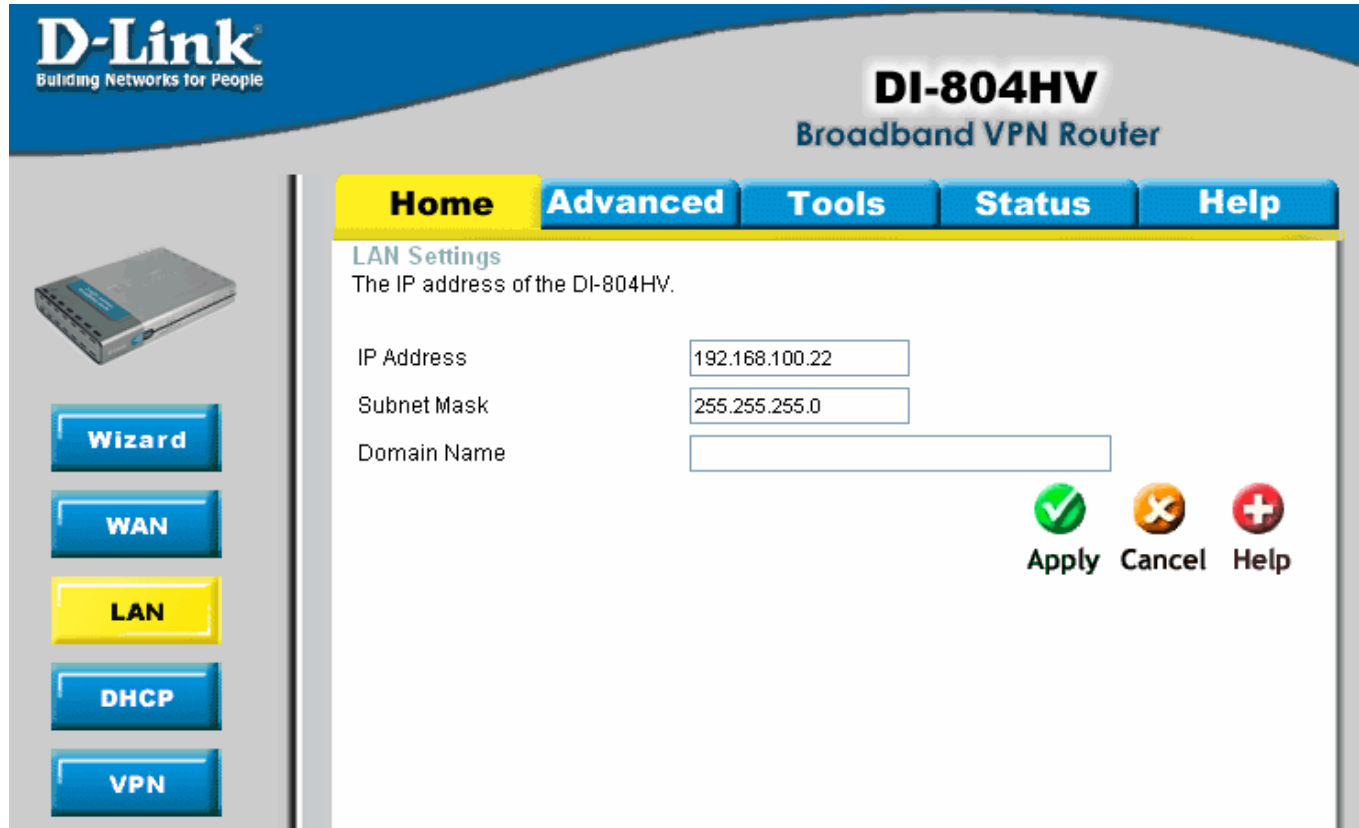
Default Gateway: 192.168.0.254



## Office DI-804HV Settings:

Log into the router's WEB interface and go to Home > LAN. Change the IP address of the LAN port of the router to required IP.

Once you have changed the LAN IP address on the router, make sure your PC has an IP address from the same subnet (192.168.100.x in this example), you may just need to renew IP on your PC or reboot.

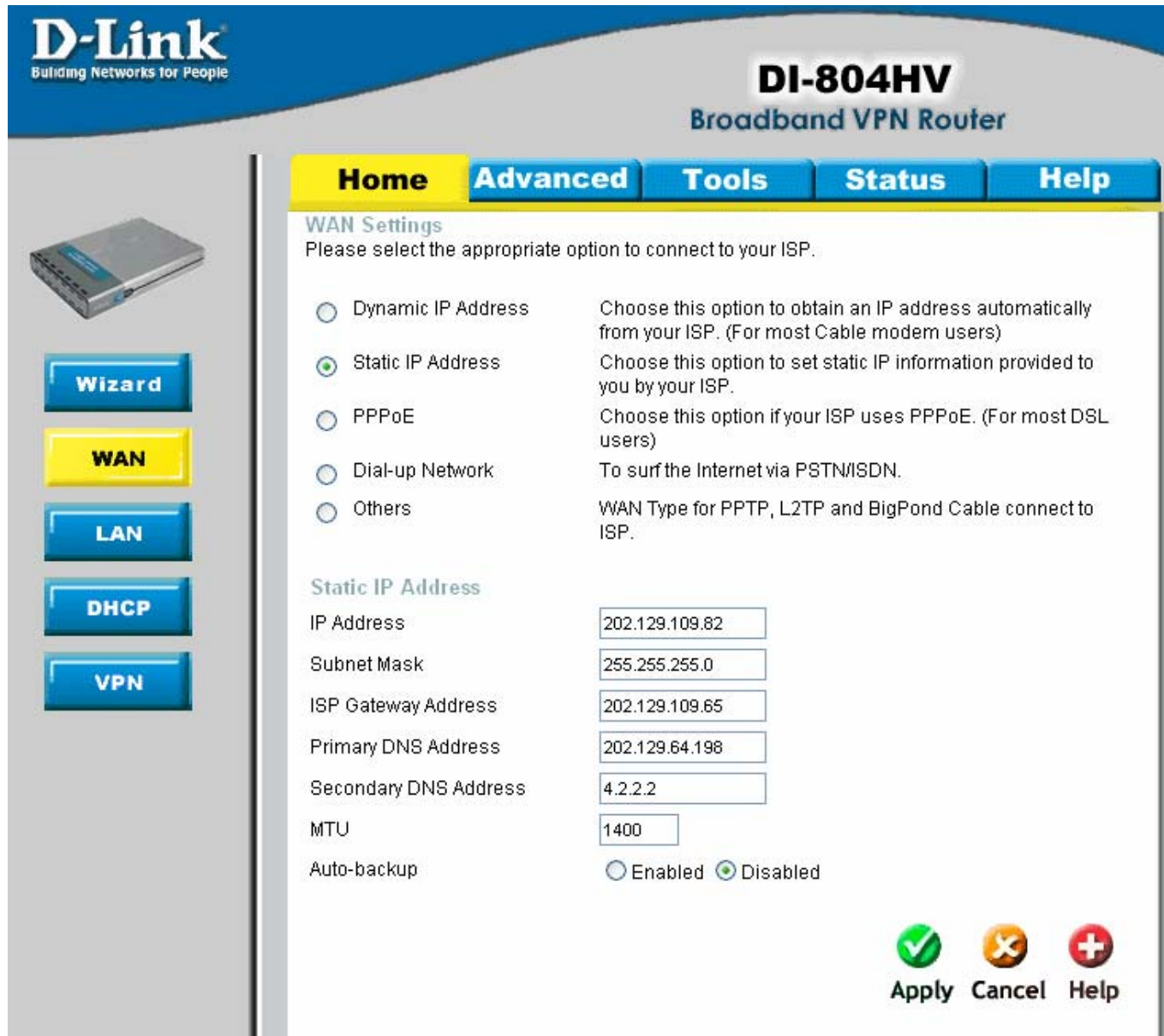


The screenshot displays the web management interface for a D-Link DI-804HV Broadband VPN Router. The interface features a blue header with the D-Link logo and the router model name. A navigation bar includes tabs for Home, Advanced, Tools, Status, and Help. On the left side, there is a sidebar with a router image and buttons for Wizard, WAN, LAN (highlighted in yellow), DHCP, and VPN. The main content area is titled 'LAN Settings' and contains the text 'The IP address of the DI-804HV.' Below this, there are three input fields: 'IP Address' with the value '192.168.100.22', 'Subnet Mask' with the value '255.255.255.0', and 'Domain Name' which is empty. At the bottom right of the settings area, there are three buttons: 'Apply' (with a green checkmark icon), 'Cancel' (with an orange 'X' icon), and 'Help' (with a red plus icon).

Next go to the Home > WAN page, choose the type of connection your ISP requires. In our example it is Static IP Address.

You need to have a static IP address on the WAN port of at least one unit out of the two participating in VPN connection. Some PPPoE connections have a static IP as well (in most of such cases you do not have to specify the IP – your ISP will be providing you with the same IP every time you connect).

After setting up the WAN port click on Apply to save settings.



The screenshot shows the web interface of a D-Link DI-804HV Broadband VPN Router. The page has a blue header with the D-Link logo and the model name. A navigation bar at the top contains tabs for Home, Advanced, Tools, Status, and Help. On the left side, there is a sidebar with a router image and buttons for Wizard, WAN (highlighted in yellow), LAN, DHCP, and VPN. The main content area is titled 'WAN Settings' and includes a sub-header 'Please select the appropriate option to connect to your ISP.' Below this are five radio button options: Dynamic IP Address, Static IP Address (selected), PPPoE, Dial-up Network, and Others. Each option has a descriptive text. Under the 'Static IP Address' section, there are input fields for IP Address (202.129.109.82), Subnet Mask (255.255.255.0), ISP Gateway Address (202.129.109.65), Primary DNS Address (202.129.64.198), Secondary DNS Address (4.2.2.2), and MTU (1400). At the bottom of this section, there is an 'Auto-backup' option with radio buttons for Enabled and Disabled (selected). At the bottom right of the page, there are three buttons: Apply (with a green checkmark icon), Cancel (with an orange X icon), and Help (with a red plus icon).

Next make sure you can access the Internet (that will confirm that you have set WAN settings correctly), then log back into the router and go into Home > VPN.

Make sure you have VPN Enable box ticked and tick NetBIOS Broadcast.

Click apply, once the page comes back click on Dynamic VPN Settings

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**DI-804HV**  
Broadband VPN Router

**Home** **Advanced** **Tools** **Status** **Help**

VPN Settings

| Item                   | Setting                                    |
|------------------------|--|
| VPN                    | <input checked="" type="checkbox"/> Enable |
| NetBIOS broadcast      | <input checked="" type="checkbox"/> Enable |
| Max. number of tunnels | <input type="text" value="8"/>             |

| ID | Tunnel Name          | Method                                  |
|----|----------------------|---|
| 1  | <input type="text"/> | IKE <input type="button" value="More"/> |
| 2  | <input type="text"/> | IKE <input type="button" value="More"/> |
| 3  | <input type="text"/> | IKE <input type="button" value="More"/> |
| 4  | <input type="text"/> | IKE <input type="button" value="More"/> |
| 5  | <input type="text"/> | IKE <input type="button" value="More"/> |

On the VPN Settings page enter the required information:

Tunnel name, select Dynamic VPN to enable Dynamic VPN

Local Subnet / Netmask are characteristics of the network where the Unit you are currently configuring is installed.

Preshare Key: this can be anything up to 31 characters long (write down this key as you will need it when configuring the remote VPN client).

Then click Apply, then click on "Select IKE Proposal..."

The screenshot shows the configuration interface for a D-Link DI-804HV Broadband VPN Router. The page title is "VPN Settings - Dynamic VPN Tunnel". On the left side, there is a navigation menu with buttons for "Wizard", "WAN", "LAN", "DHCP", and "VPN" (which is highlighted in yellow). The main content area has a table with two columns: "Item" and "Setting".

| Item                            | Setting   |
|---------------------------------|---|
| Tunnel Name                     | test  |
| Dynamic VPN                     | <input checked="" type="checkbox"/> Enable  |
| Local Subnet                    | 192.168.100.0   |
| Local Netmask                   | 255.255.255.0   |
| Preshare Key                    | .....   |
| Extended Authentication (XAUTH) | <input type="checkbox"/> Enable Server mode <input type="button" value="Set Local user.."/> |
| IKE Proposal index              | <input type="button" value="Select IKE Proposal..."/>                                       |
| IPSec Proposal index            | <input type="button" value="Select IPSec Proposal..."/>                                     |

At the bottom right of the configuration area, there are four navigation buttons: "Back" (purple left arrow), "Apply" (green checkmark), "Cancel" (orange X), and "Help" (red plus sign).

Below is the example how you can setup IKE Proposal.

We used the following settings:

ID 1, Name: test, Group 2, 3DES, SHA1, 28800, Sec

After you have entered in the information, you will need to click on the Proposal ID drop-down box and select ID 1, then click "Add to".

Click Apply, then click on Back.

The screenshot shows the configuration interface for a D-Link DI-804HV Broadband VPN Router. The page title is "VPN Settings - Dynamic VPN Tunnel - Set IKE Proposal". On the left sidebar, there are navigation buttons for Wizard, WAN, LAN, DHCP, and VPN (highlighted in yellow). The main content area has tabs for Home, Advanced, Tools, Status, and Help. Below the tabs, there is a form for setting an IKE Proposal. The "Item" field is labeled "IKE Proposal index" and contains the value "test". A "Remove" button is next to it. Below this is a table with columns: ID, Proposal Name, DH Group, Encrypt algorithm, Auth algorithm, Life Time, and Life Time Unit. The table contains 10 rows. Row 1 is filled with "test", "Group 2", "3DES", "SHA1", "28800", and "Sec.". Rows 2-10 are empty. At the bottom, there is a "Proposal ID" dropdown menu set to "-- select one --", an "Add to" button, and a "Proposal index" field. At the very bottom, there are four icons: a left arrow (Back), a green checkmark (Apply), an orange X (Cancel), and a red plus sign (Help).

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**DI-804HV**  
Broadband VPN Router

**Home** **Advanced** **Tools** **Status** **Help**

VPN Settings - Dynamic VPN Tunnel - Set IKE Proposal

| Item               | Setting                                    |
|--------------------|--|
| IKE Proposal index | test <input type="button" value="Remove"/> |

| ID | Proposal Name | DH Group | Encrypt algorithm | Auth algorithm | Life Time | Life Time Unit |
|----|---------------|----------|-------------------|----------------|-----------|----------------|
| 1  | test          | Group 2  | 3DES              | SHA1           | 28800     | Sec.           |
| 2  |               | Group 1  | 3DES              | SHA1           | 0         | Sec.           |
| 3  |               | Group 1  | 3DES              | SHA1           | 0         | Sec.           |
| 4  |               | Group 1  | 3DES              | SHA1           | 0         | Sec.           |
| 5  |               | Group 1  | 3DES              | SHA1           | 0         | Sec.           |
| 6  |               | Group 1  | 3DES              | SHA1           | 0         | Sec.           |
| 7  |               | Group 1  | 3DES              | SHA1           | 0         | Sec.           |
| 8  |               | Group 1  | 3DES              | SHA1           | 0         | Sec.           |
| 9  |               | Group 1  | 3DES              | SHA1           | 0         | Sec.           |
| 10 |               | Group 1  | 3DES              | SHA1           | 0         | Sec.           |

Proposal ID -- select one --  Proposal index

Click on "IPSec Proposal" and you should see a page similar to the one below. Configure it the same way as on the IKE Proposal page.

After you have entered in the information, you will need to click on the Proposal ID drop-down box and select ID 1, then click "Add to".

Then click Apply.

The screenshot shows the configuration interface for the D-Link DI-804HV Broadband VPN Router. The page is titled "VPN Settings - Dynamic VPN Tunnel - Set IPSEC Proposal". On the left side, there is a navigation menu with buttons for "Wizard", "WAN", "LAN", "DHCP", and "VPN" (which is highlighted in yellow). The main content area has a tabbed interface with "Home", "Advanced", "Tools", "Status", and "Help" tabs. The "Advanced" tab is selected. Below the tabs, there is a table for IPSEC Proposals. The table has columns for ID, Proposal Name, DH Group, Encap protocol, Encrypt algorithm, Auth algorithm, Life Time, and Life Time Unit. The first row (ID 1) is filled with "test", "Group 2", "ESP", "3DES", "SHA1", "28800", and "Sec.". Below the table, there is a "Proposal ID" dropdown menu set to "-- select one --" and an "Add to" button. At the bottom right, there are four icons: a left arrow for "Back", a green checkmark for "Apply", an orange 'X' for "Cancel", and a red plus sign for "Help".

| Item                 | Setting   |
|----------------------|---|
| IPSec Proposal index | <input type="text" value="test"/> <input type="button" value="Remove"/> |

| ID | Proposal Name                     | DH Group                               | Encap protocol                     | Encrypt algorithm                   | Auth algorithm                      | Life Time                          | Life Time Unit                      |
|----|-----------------------------------|--|------------------------------------|-------------------------------------|-------------------------------------|------------------------------------|-------------------------------------|
| 1  | <input type="text" value="test"/> | <input type="button" value="Group 2"/> | <input type="button" value="ESP"/> | <input type="button" value="3DES"/> | <input type="button" value="SHA1"/> | <input type="text" value="28800"/> | <input type="button" value="Sec."/> |
| 2  | <input type="text"/>              | <input type="button" value="None"/>    | <input type="button" value="ESP"/> | <input type="button" value="3DES"/> | <input type="button" value="None"/> | <input type="text" value="0"/>     | <input type="button" value="Sec."/> |
| 3  | <input type="text"/>              | <input type="button" value="None"/>    | <input type="button" value="ESP"/> | <input type="button" value="3DES"/> | <input type="button" value="None"/> | <input type="text" value="0"/>     | <input type="button" value="Sec."/> |
| 4  | <input type="text"/>              | <input type="button" value="None"/>    | <input type="button" value="ESP"/> | <input type="button" value="3DES"/> | <input type="button" value="None"/> | <input type="text" value="0"/>     | <input type="button" value="Sec."/> |
| 5  | <input type="text"/>              | <input type="button" value="None"/>    | <input type="button" value="ESP"/> | <input type="button" value="3DES"/> | <input type="button" value="None"/> | <input type="text" value="0"/>     | <input type="button" value="Sec."/> |
| 6  | <input type="text"/>              | <input type="button" value="None"/>    | <input type="button" value="ESP"/> | <input type="button" value="3DES"/> | <input type="button" value="None"/> | <input type="text" value="0"/>     | <input type="button" value="Sec."/> |
| 7  | <input type="text"/>              | <input type="button" value="None"/>    | <input type="button" value="ESP"/> | <input type="button" value="3DES"/> | <input type="button" value="None"/> | <input type="text" value="0"/>     | <input type="button" value="Sec."/> |
| 8  | <input type="text"/>              | <input type="button" value="None"/>    | <input type="button" value="ESP"/> | <input type="button" value="3DES"/> | <input type="button" value="None"/> | <input type="text" value="0"/>     | <input type="button" value="Sec."/> |
| 9  | <input type="text"/>              | <input type="button" value="None"/>    | <input type="button" value="ESP"/> | <input type="button" value="3DES"/> | <input type="button" value="None"/> | <input type="text" value="0"/>     | <input type="button" value="Sec."/> |
| 10 | <input type="text"/>              | <input type="button" value="None"/>    | <input type="button" value="ESP"/> | <input type="button" value="3DES"/> | <input type="button" value="None"/> | <input type="text" value="0"/>     | <input type="button" value="Sec."/> |

Proposal ID   Proposal index

This is all you need to do to configure the VPN router. Now you need to setup the Workstation (with the D-Link VPN client).

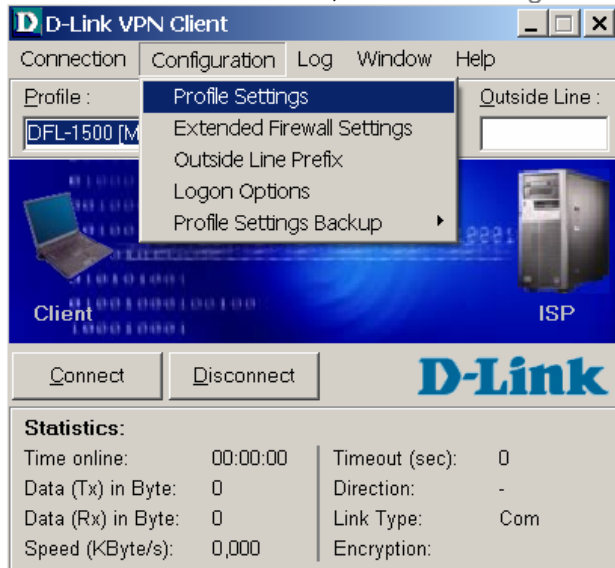
## Configuring The Remote PC IPsec connection (D-Link DS-601 VPN Client Software)

First start the D-Link VPN software. You can find it under the Start button > Programs > D-Link VPN Client.

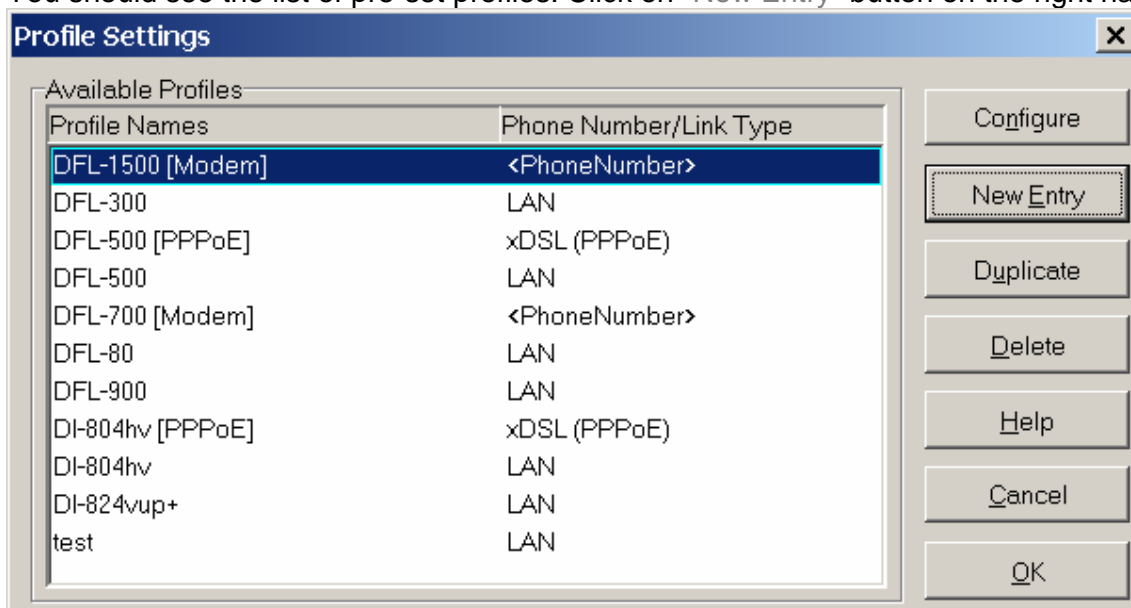
Click on D-Link VPN Client Monitor.



Once the software loads, click on Configuration > Profile Settings



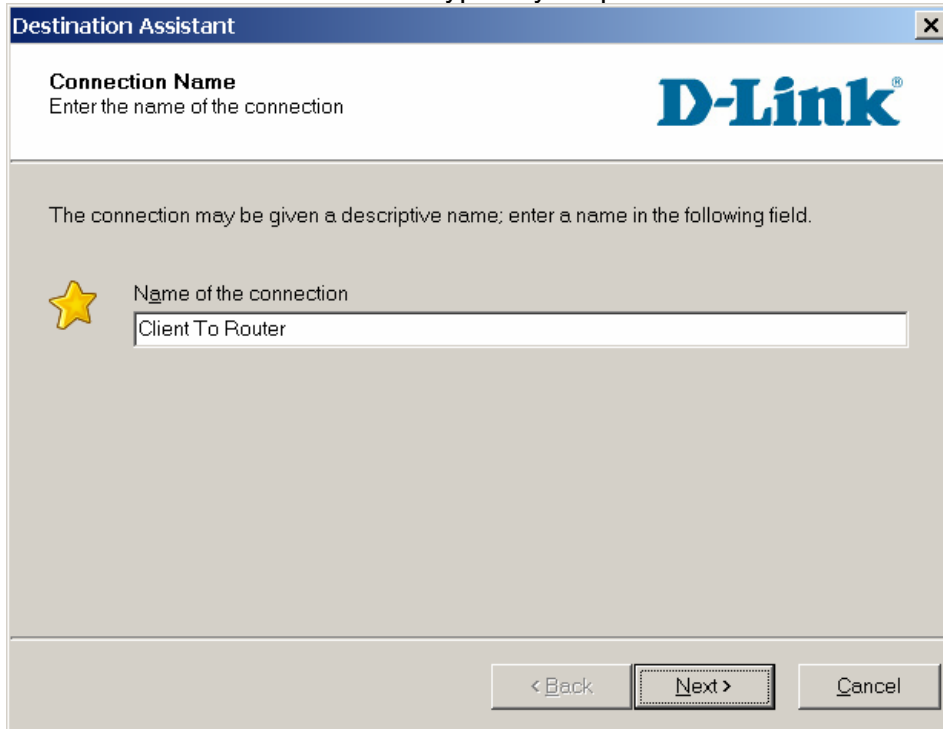
You should see the list of pre-set profiles. Click on “New Entry” button on the right hand side.





It should bring up the wizard as shown below.

In the “Name of the connection” type in your profile name and click Next button.

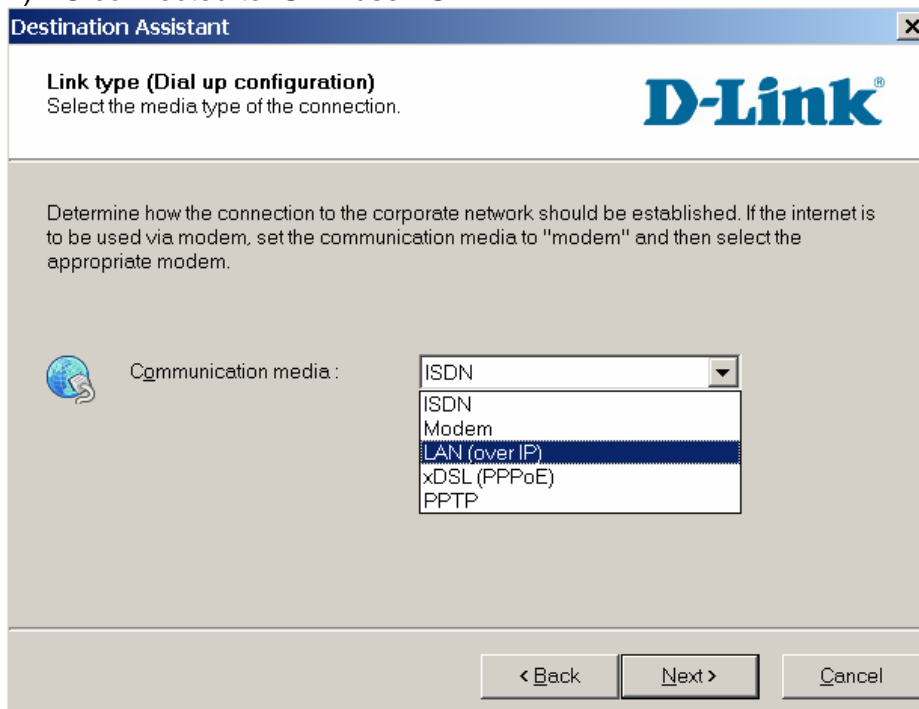


The screenshot shows a window titled "Destination Assistant" with a close button (X) in the top right corner. The window has a blue header bar with the D-Link logo on the right. Below the header, the text "Connection Name" is followed by "Enter the name of the connection". A yellow star icon is positioned to the left of a text input field containing "Client To Router". Below the input field, there are three buttons: "< Back", "Next >", and "Cancel".

Next you need to select the type of Internet connection that you have.

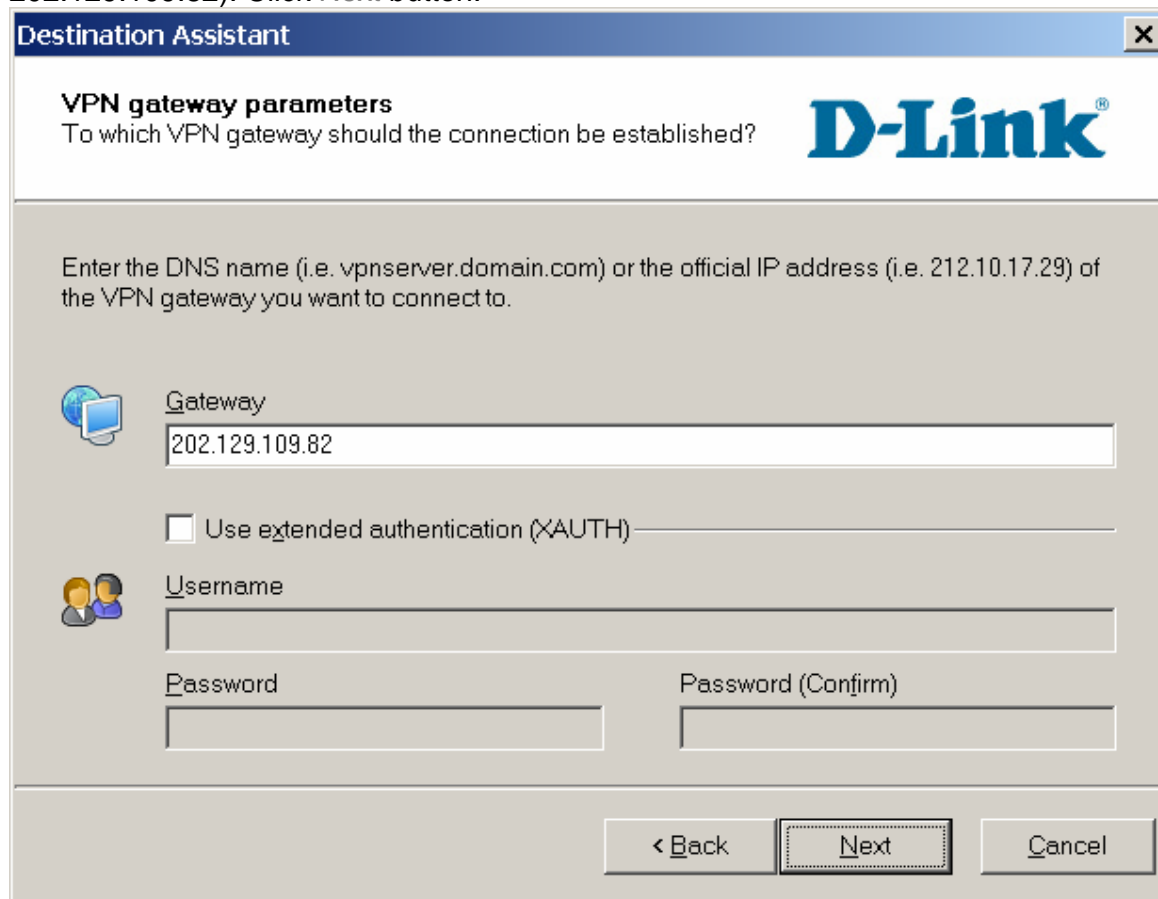
Click Next after you have selected your connection type.

- 1) PC connected to a router or to a Telstra cable modem use “LAN (over IP)”.
- 2) PC connected to an ADSL modem use “LAN (over IP)”
- 3) PC uses a dial up connection use “Modem”
- 4) PC connected to ISDN use “ISDN”



The screenshot shows a window titled "Destination Assistant" with a close button (X) in the top right corner. The window has a blue header bar with the D-Link logo on the right. Below the header, the text "Link type (Dial up configuration)" is followed by "Select the media type of the connection". A globe icon is positioned to the left of a dropdown menu labeled "Communication media:". The dropdown menu is open, showing a list of options: "ISDN", "Modem", "LAN (over IP)", "xDSL (PPPoE)", and "PPTP". The "LAN (over IP)" option is highlighted. Below the dropdown menu, there are three buttons: "< Back", "Next >", and "Cancel".


Enter VPN Gateway address. This will be the public IP of the router in the Office (eg. 202.129.109.82). Click Next button.




**Destination Assistant** [X]

**VPN gateway parameters**  
To which VPN gateway should the connection be established? **D-Link®**

Enter the DNS name (i.e. vpnserver.domain.com) or the official IP address (i.e. 212.10.17.29) of the VPN gateway you want to connect to.

 **Gateway**  
202.129.109.82

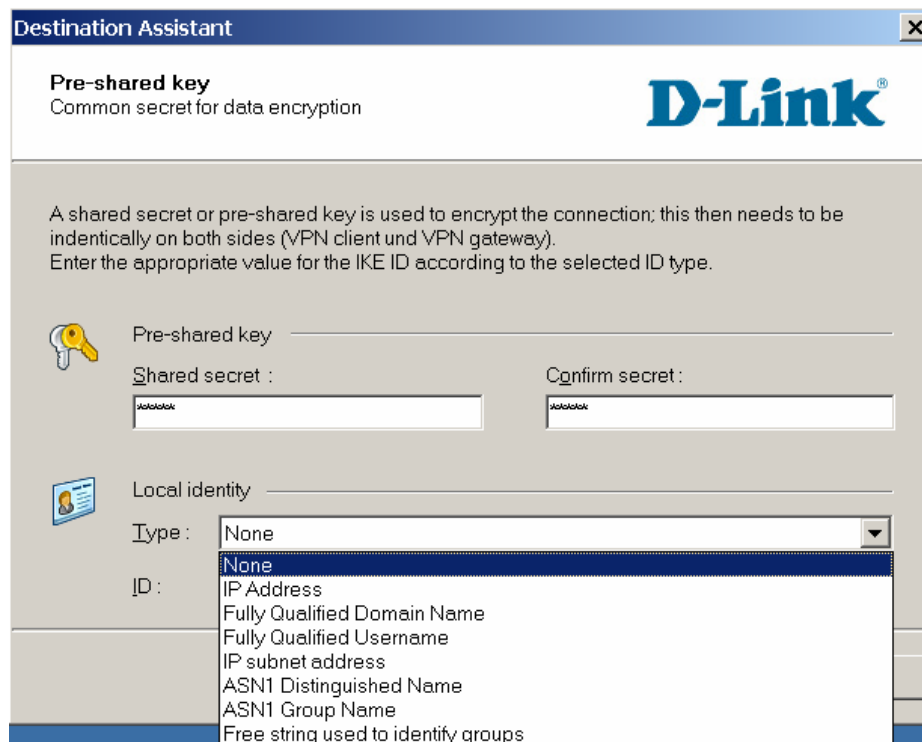
Use extended authentication (XAUTH)

 **Username**  
[Empty field]

**Password** [Empty field]      **Password (Confirm)** [Empty field]

< Back    **Next**    Cancel


Enter the same Pre-shared key that you have entered in the office VPN router in the Shared secret. Retype it in the Confirm secret.  
Select "None" under the "Local identity" and click Finish button.




**Destination Assistant** [X]

**Pre-shared key**  
Common secret for data encryption **D-Link®**

A shared secret or pre-shared key is used to encrypt the connection; this then needs to be identically on both sides (VPN client and VPN gateway).  
Enter the appropriate value for the IKE ID according to the selected ID type.

 **Pre-shared key**

**Shared secret :** [Masked field]      **Confirm secret :** [Masked field]

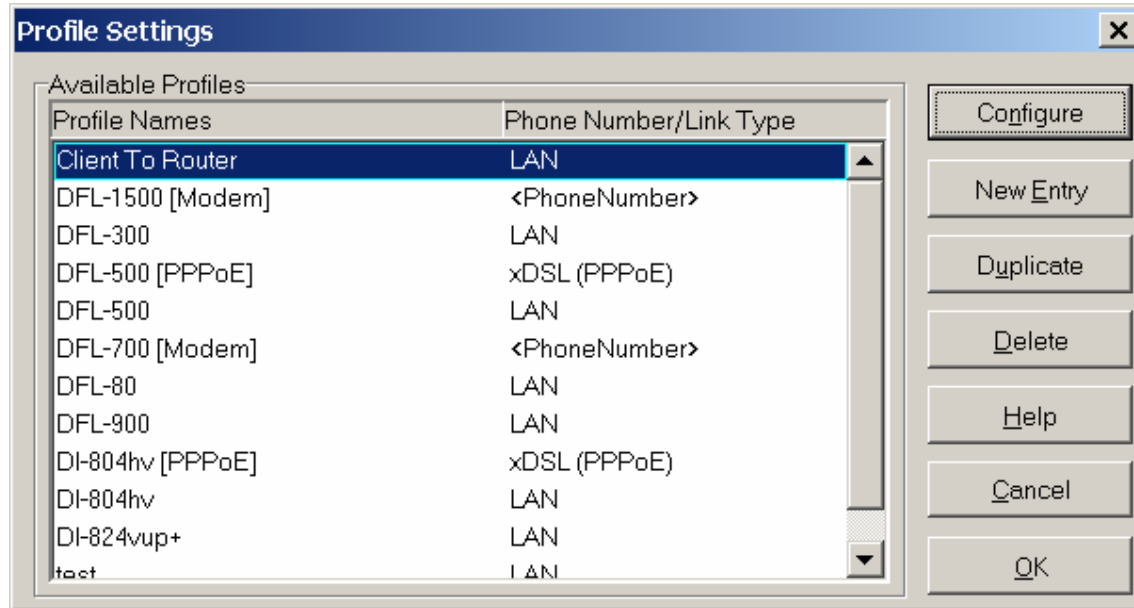
 **Local identity**

Type : None [Dropdown arrow]

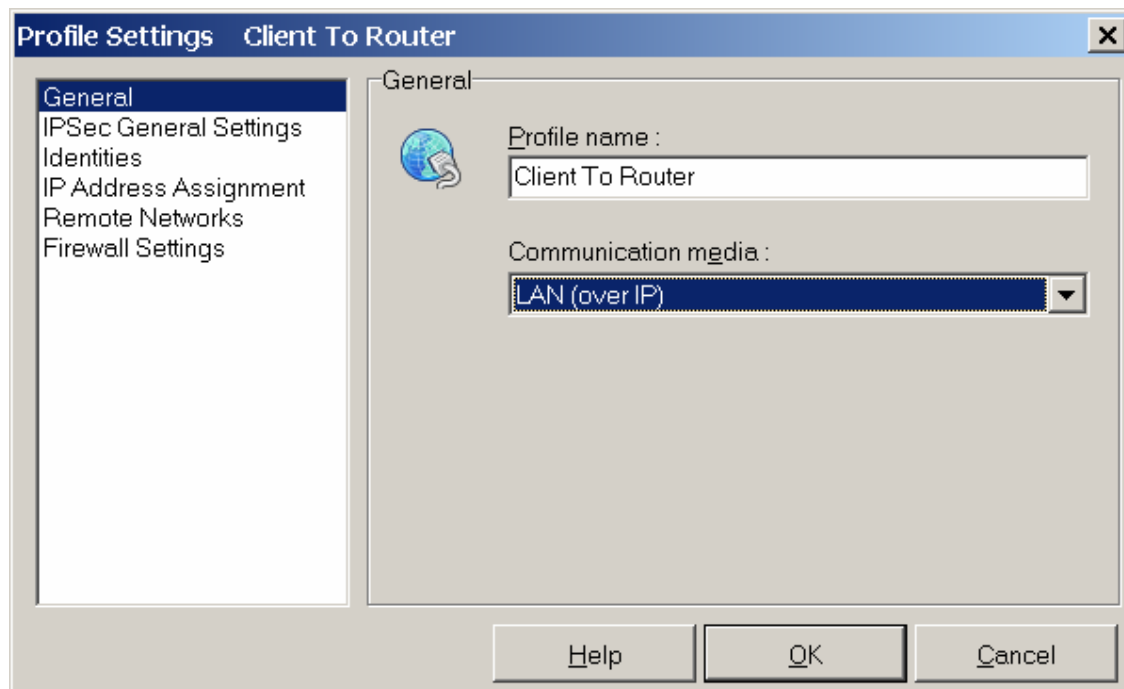
ID :  
None  
IP Address  
Fully Qualified Domain Name  
Fully Qualified Username  
IP subnet address  
ASN1 Distinguished Name  
ASN1 Group Name  
Free string used to identify groups

After finishing the wizard, you should see the new profile in the list.

Select the name of the profile you have just created. Then click on “Configuration” on the right hand side.



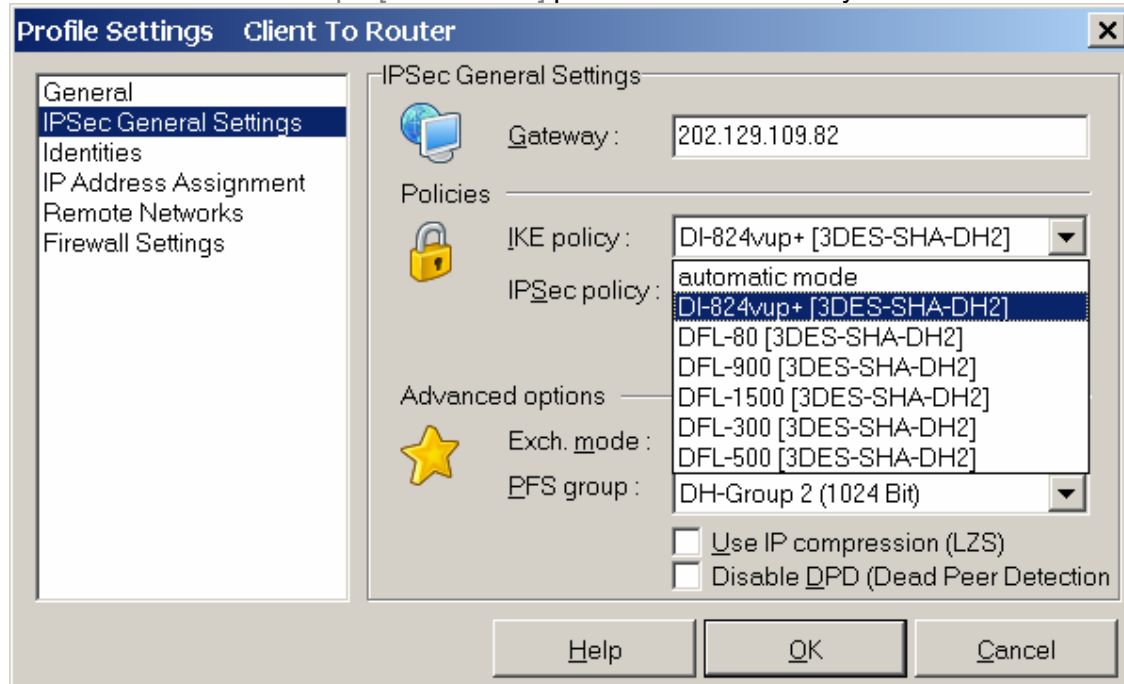
Under the General options you can change the Profile name and the communication media type.



Click on the “IPSec General Settings”.

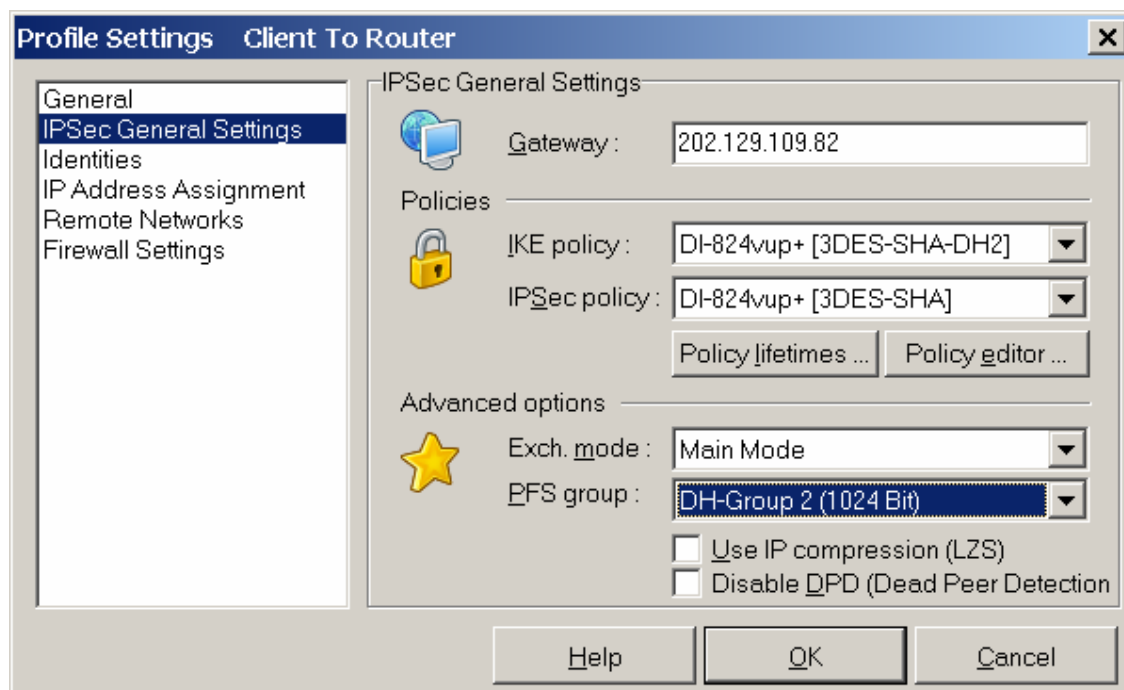
You should see the below , Under Policies > IKE Policy, Select the pre-set profile called “DI-824vup+ [3DES-SHA-DH2]”

Also select the DI-824vup+ [3DES-SHA] profile for IPSec Policy.



Select the “Main Mode” option under Advanced options > Exch. mode.

And select DH-Group 2 under the PFS group.





Under “Identities” and “IP Address Assignment” you do not need to change anything.

**Profile Settings Client To Router** [X]


General  
IPSec General Settings  
**Identities**  
IP Address Assignment  
Remote Networks  
Firewall Settings

**Identities**

Local identity  Type:   
ID:

Pre-shared key  Shared secret:   
Confirm secret:

Use extended authentication (XAUTH)


 Username:   
Password:

Help OK Cancel

**Profile Settings Client To Router** [X]


General  
IPSec General Settings  
Identities  
**IP Address Assignment**  
Remote Networks  
Firewall Settings

**IP Address Assignment**

  Use IKE Config Mode  
 Use local IP address  
 Manual IP address

IP address:   
Subnet mask:

DNS / WINS servers

 DNS server:   
WINS server:

Help OK Cancel

Under “Remote Networks” option you need to enter the remote LAN subnet and subnet mask. In our example the office network uses 192.168.100.x range of IP addresses, so we entered 192.168.100.0.

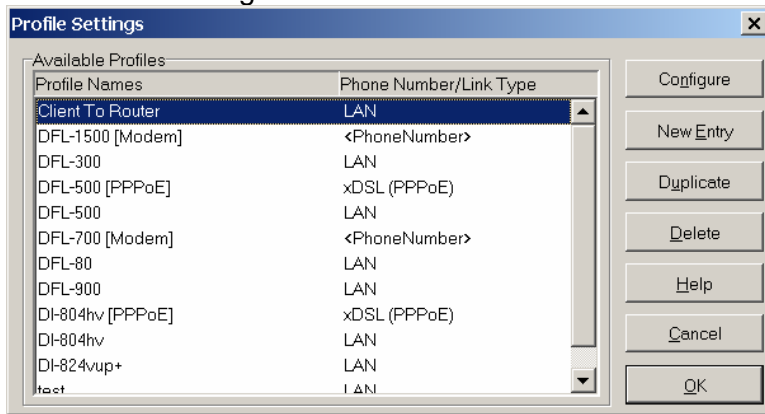
The screenshot shows the 'Profile Settings - Client To Router' dialog box with the 'Remote Networks' tab selected. The left sidebar contains a list of settings: General, IPsec General Settings, Identities, IP Address Assignment, Remote Networks (highlighted), and Firewall Settings. The main area is titled 'Remote Networks' and contains the following text: 'Enter the IP networks the tunnel should be used for. Without entries tunneling will always be used.' Below this text is a table with two columns: 'Network addresses' and 'Subnet masks'. The first row contains '192.168.100.0' and '255.255.255.0'. The subsequent four rows contain '0.0.0.0' in both columns. At the bottom of the main area is a checkbox labeled 'Apply tunneling security for local networks' which is unchecked. At the bottom of the dialog box are three buttons: 'Help', 'OK', and 'Cancel'.

| Network addresses : | Subnet masks : |
|---------------------|----------------|
| 192.168.100.0       | 255.255.255.0  |
| 0.0.0.0             | 0.0.0.0        |
| 0.0.0.0             | 0.0.0.0        |
| 0.0.0.0             | 0.0.0.0        |
| 0.0.0.0             | 0.0.0.0        |

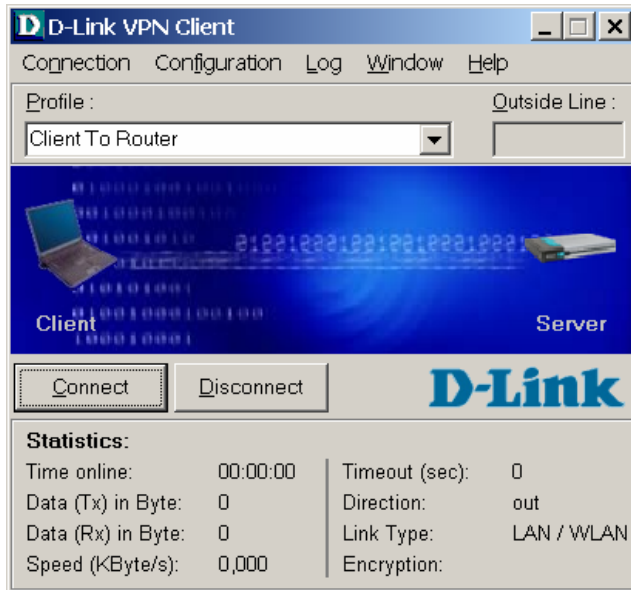
Under “Firewall settings”, set the Stateful Inspection as Off and click OK button.

The screenshot shows the 'Profile Settings - Client To Router' dialog box with the 'Firewall Settings' tab selected. The left sidebar contains a list of settings: General, IPsec General Settings, Identities, IP Address Assignment, Remote Networks, and Firewall Settings (highlighted). The main area is titled 'Firewall Settings' and contains the following text: 'With firewall settings activated packets from other hosts will be discarded.' Below this text is a dropdown menu labeled 'Enable Stateful Inspection' with 'Off' selected. At the bottom of the main area is a checkbox labeled 'Only communication within the tunnel permitted' which is unchecked. At the bottom of the dialog box are three buttons: 'Help', 'OK', and 'Cancel'.

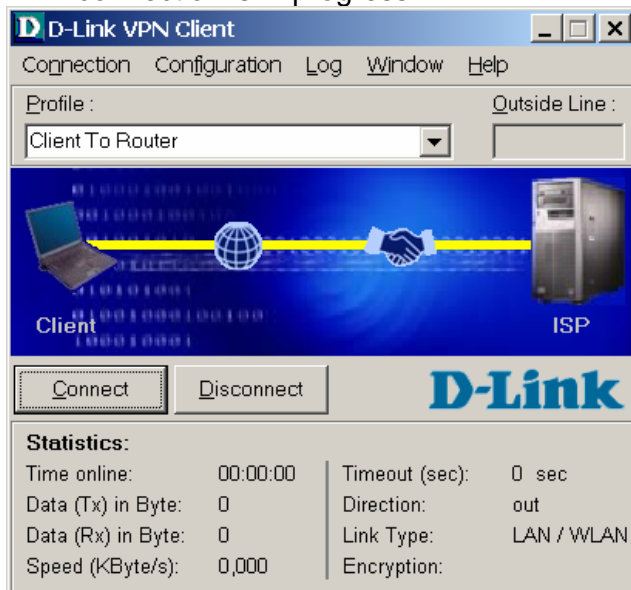
Then click "OK" again.



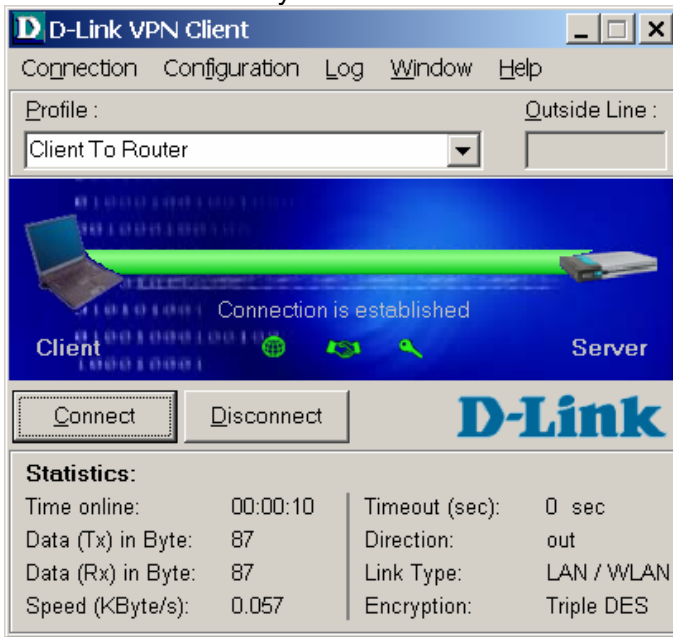
Click the Connect button to establish the IPsec tunnel



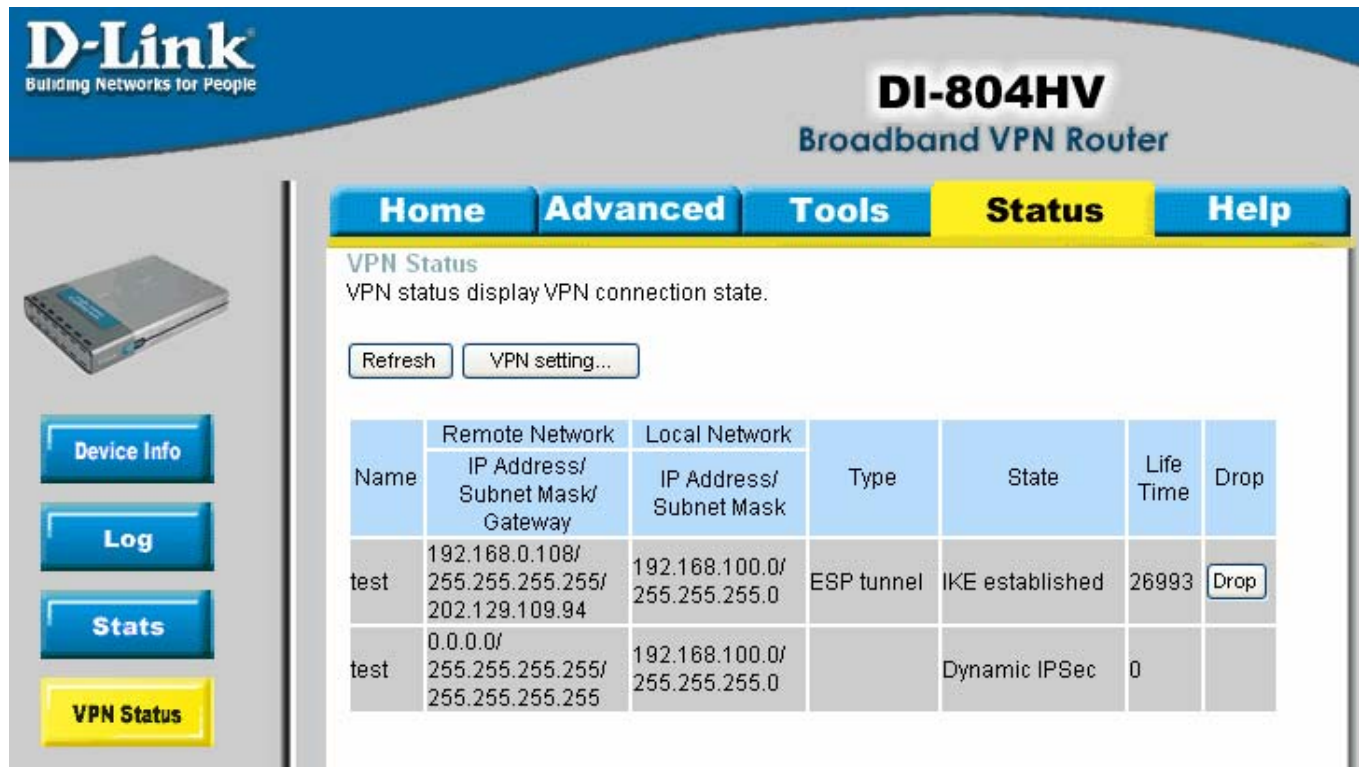
VPN connection is in progress:



When its connected you should see the “Connection is established” message.



If you login into the office router’s web configuration page and then go to Status > VPN Status, it should say “IKE established” in the State section.





## Appendix 1.

### How to test your VPN connection.

Make sure that computers on both locations can access the Internet.

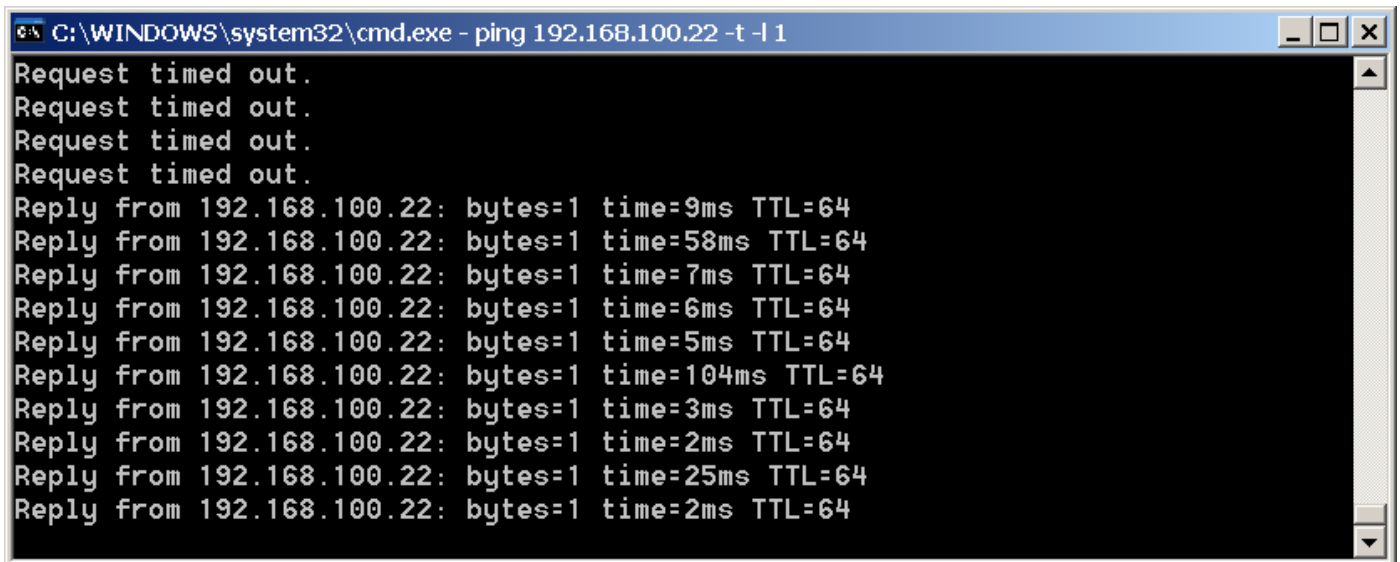
The make sure that you are on the PC which is running the D-Link VPN software.

The go to Start > Run, type *command* and click on OK.

If you type in the below then hit Enter.

```
ping 192.168.100.22 -t
```

You should see messages similar to the one below:

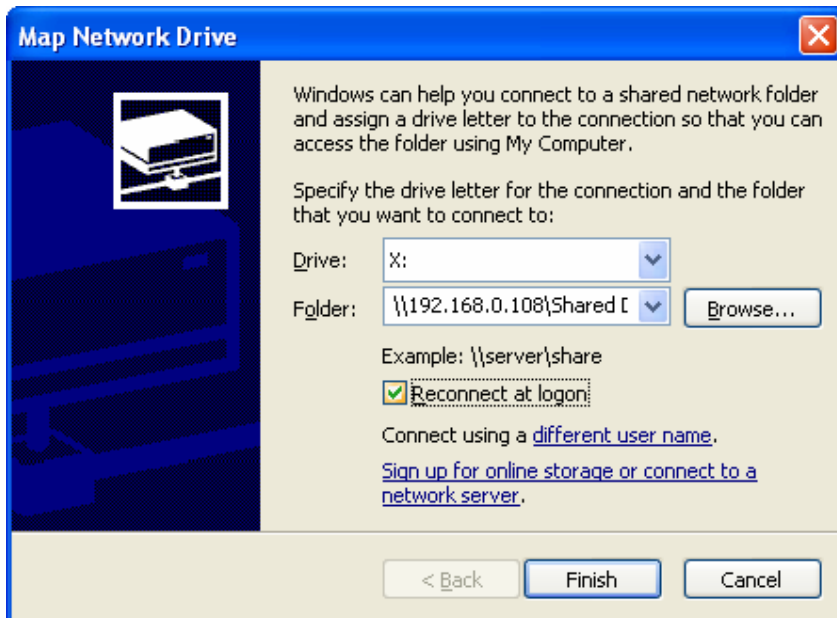
A screenshot of a Windows command prompt window. The title bar reads "C:\WINDOWS\system32\cmd.exe - ping 192.168.100.22 -t -l 1". The command prompt shows the output of a continuous ping command to 192.168.100.22. The first four lines are "Request timed out.". The subsequent lines show successful replies from 192.168.100.22 with varying response times and a TTL of 64. The response times are: 9ms, 58ms, 7ms, 6ms, 5ms, 104ms, 3ms, 2ms, 25ms, and 2ms.

```
C:\WINDOWS\system32\cmd.exe - ping 192.168.100.22 -t -l 1
Request timed out.
Request timed out.
Request timed out.
Request timed out.
Reply from 192.168.100.22: bytes=1 time=9ms TTL=64
Reply from 192.168.100.22: bytes=1 time=58ms TTL=64
Reply from 192.168.100.22: bytes=1 time=7ms TTL=64
Reply from 192.168.100.22: bytes=1 time=6ms TTL=64
Reply from 192.168.100.22: bytes=1 time=5ms TTL=64
Reply from 192.168.100.22: bytes=1 time=104ms TTL=64
Reply from 192.168.100.22: bytes=1 time=3ms TTL=64
Reply from 192.168.100.22: bytes=1 time=2ms TTL=64
Reply from 192.168.100.22: bytes=1 time=25ms TTL=64
Reply from 192.168.100.22: bytes=1 time=2ms TTL=64
```

If you see a message saying Reply from... that means that VPN tunnel has been established successfully and you can communicate with remote network via VPN.

## Appendix 2 Connecting to remote computers/drives via VPN

You can map remote computers' drives by opening Windows Explorer and going to Tools > Map Network Drive (you need to specify the IP address of the computer on remote network and the name of the shared folder):



Alternatively you can do Search > Computers or People > Computer on Network > specify the IP address of the computer you are trying to connect to.

If you do not see computers in My Network Places or My Network Neighborhood you may need to enable NetBIOS over TCP/IP in Windows. Or use the methods described above. Note that firewall/antivirus software installed on your or remote computer may stop you from accessing shared folders.

## Appendix 3

### Note to DSL-300, DSL-300+, DSL-302G modems users and DSL-500, DSL-504, DSL-604+ users.

If you are using **DSL-300** to connect your DI-804HV to the Internet please avoid using **192.168.1.x** addresses on your networks as it is the temporary subnet used by the modem.

If you are using **DSL-300+** to connect your DI-804HV to the Internet please avoid using **192.168.0.x** addresses on your networks as it is the temporary subnet used by the modem. Also note that DSL-300+ links to the MAC address of the device connected to it directly. So if you configured the modem while it was connected to your PC directly or to another router, you will need to reconfigure it while it is connected to your DI-804HV. Here are the steps:

1. Connect the DSL-300+ modem to the WAN port of your DI-804HV.
2. Set WAN port on DI-804HV to “Dynamic IP” and set LAN port to subnet different from 192.168.0.x (e.g. 192.168.3.1)
3. Renew IP address on your computer so it will be on 192.168.3.x subnet and log into the DSL-300+ using your Internet browser: <http://192.168.0.1>
4. In the DSL-300+ interface select **Account Management**. Put a tick next to your account and click on **Delete**.
5. Select **Account Configuration** and reconfigure the modem according to your ISP requirements. Click on **OK** to save settings.

If you are using **DSL-500, DSL-504, DSL-604+** router to connect your DI-804HV to the Internet please avoid using **192.168.0.x** addresses on your networks as it is the default LAN subnet used by the routers. You may change it to a different subnet (e.g. 192.168.33.1) if you wish, under **Configuration > Ethernet IP**.

Note that you need to enable VPN pass-through on the router. Or go to **NAT Configuration** and enable **DMZ**: specify the IP address of the WAN port of DI-804HV there.

DI-804HV WAN port should be set with static IP from the same subnet as DSL-xxx LAN port. Default Gateway should be set as DSL-xxx LAN port IP address.

Please keep in mind that with DSL-xxx routers with NAT enabled your public IP address will be located on the WAN port of DSL-xxx router. WAN port of DI-804HV will have private IP address. When setting up **Remote Gateway** in VPN you will need to use public IP's on DSL-xxx routers' WAN ports, e.g. 202.129.109.87 (see example with DSL-302G below).

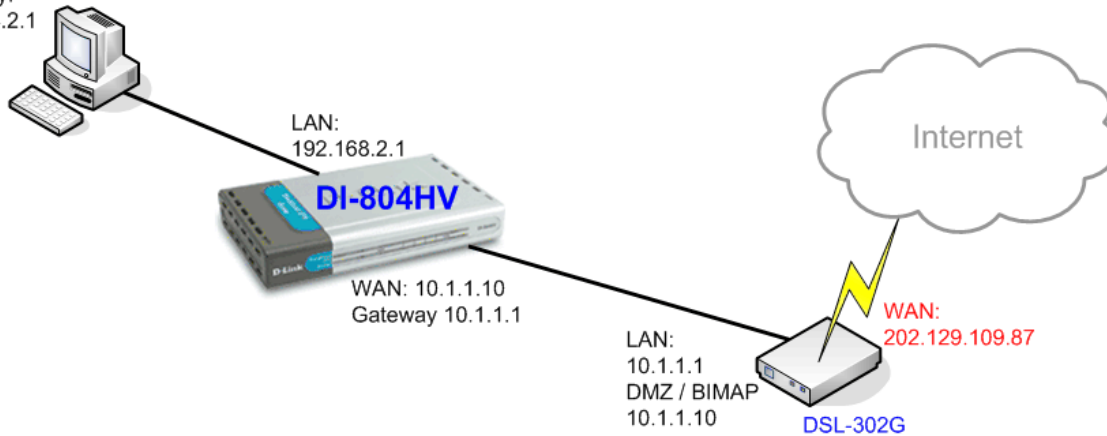
With **DSL-302G** the setup is similar. This modem uses **10.1.1.1** address on LAN.

**Workstation A:**

192.168.2.156

Gateway:

192.168.2.1



In order to enable VPN traffic pass-through in this modem you need to do the following:  
Log into the modem's WEB interface and select WAN > NAT. Under NAT Options select NAT Rule Entry. Click on Add button.

Under Rule Flavor select BIMAP. Set Rule ID as next number in the rules table (in our case it is 2). IF Name = ALL. Local Address will be the IP on the WAN port of your DI-804HV which is connected to this modem. Global address leave as 0.0.0.0:

**NAT Rule - Add**

| NAT Rule Information   |  |   |   |    |
|------------------------|--|---|---|----|
| <b>Rule Flavor:</b>    | BIMAP <input type="button" value="v"/> |   |   |    |
| <b>Rule ID:</b>        | 2 <input type="text"/>                 |   |   |    |
| <b>IF Name:</b>        | ALL <input type="button" value="v"/>   |   |   |    |
| <b>Local Address:</b>  | 10                                     | 1 | 1 | 10 |
| <b>Global Address:</b> | 0                                      | 0 | 0 | 0  |

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Then click on Submit to apply the settings.

When setting up Remote Gateway in VPN you will need to use public IP on DSL-302G's WAN port.

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