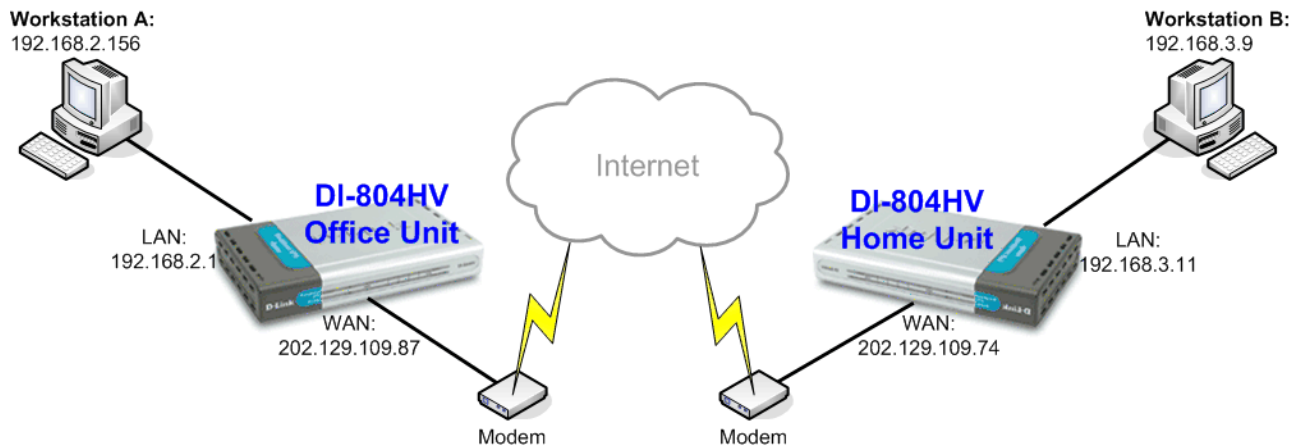


Setting up VPN connection: DI-804HV to DI-804HV

Date: 28 Nov 2003

Doc version: 4.0

Author: Neil Stent



Office Unit: DI-804HV (firmware 1.34)

LAN IP: 192.168.2.1 Subnet Mask: 255.255.255.0

WAN IP: 202.129.109.87 Subnet Mask: 255.255.255.224

Default Gateway: 202.129.109.65

Workstation A:

IP: 192.168.2.156 Subnet Mask: 225.255.255.0

Default Gateway: 192.168.2.1

Home Unit: DI-804HV (firmware 1.34)

LAN IP: 192.168.3.11 Subnet Mask: 255.255.255.0

WAN IP: 202.129.109.74 Subnet Mask: 255.255.255.224

Default Gateway: 202.129.109.65

Workstation B:

IP: 192.168.3.9 Subnet Mask: 225.255.255.0

Default Gateway: 192.168.3.11

Please note:

For any IPsec VPN connection you need to make sure that the LAN IP subnets on each location are different. As you can see in the above example the LAN IP of the Office DI-804HV is 192.168.2.1 and the Home DI-804HV is 192.168.3.1. If you had a third location it should be 192.168.4.x, etc... (where x is any number from 1 to 254).

If you are using DSL-300, DSL-300+, DSL-302G modem or DSL-500, DSL-504, DSL-604+ router please see **Appendix 3** at the end of this document.

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.

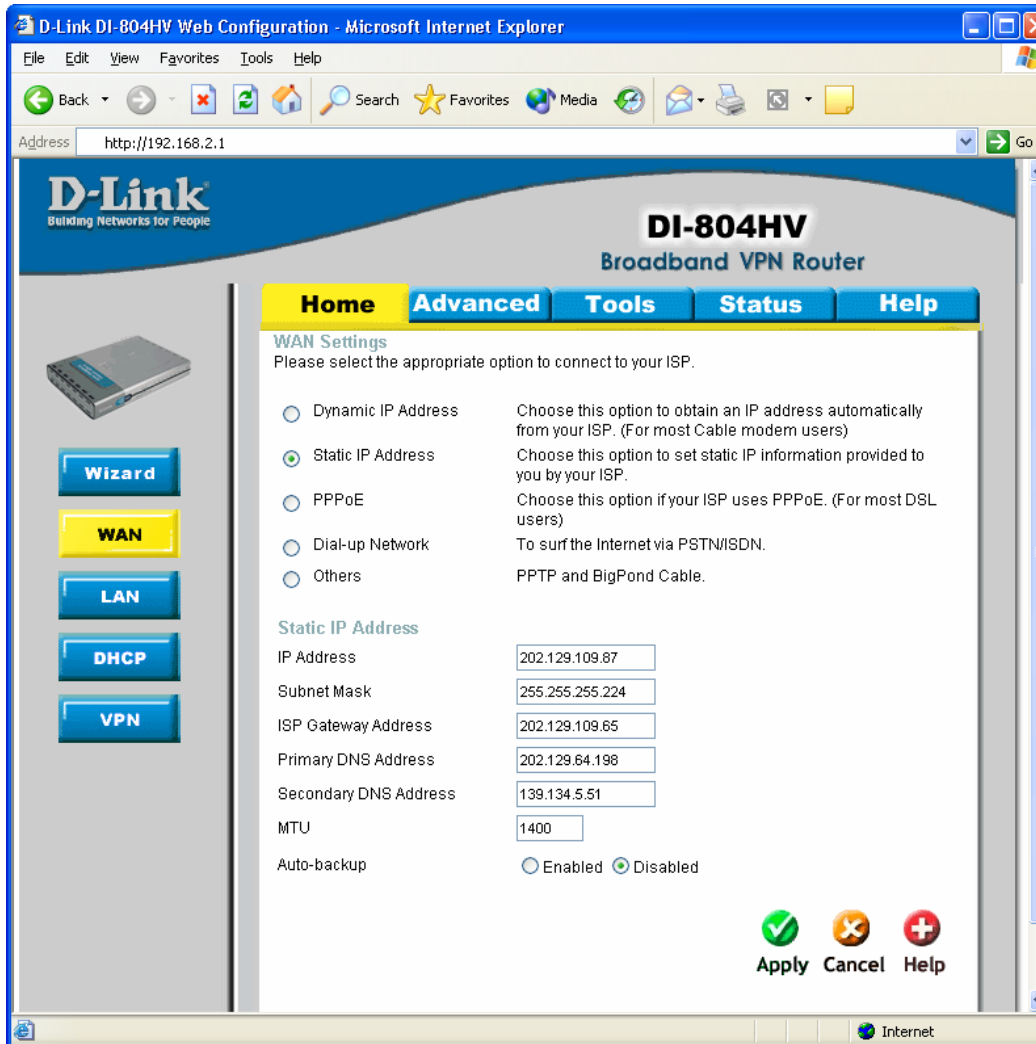
Once you have changed the LAN IP address on the router, make sure your PC has an IP address from the same subnet (192.168.2.x in this example), you may just need to renew IP on your PC or reboot.



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 the on WAN port of at least one unit out of 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.



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.

In the Max number of tunnels section, enter the number of tunnels needed (e.g. 2).

Type in a name for the Tunnel Name, something related to the VPN connection would be a good idea, e.g. *Office, Home* etc...

Then click on "More" button to the right of the ID "1"

The screenshot shows the D-Link DI-804HV Web Configuration interface in Microsoft Internet Explorer. The browser address bar shows <http://192.168.2.1>. The page title is "D-Link DI-804HV Broadband VPN Router". The navigation tabs are "Home", "Advanced", "Tools", "Status", and "Help". The "Home" tab is selected, and the "VPN Settings" section is active. On the left sidebar, there are buttons for "Wizard", "WAN", "LAN", "DHCP", and "VPN" (highlighted in yellow). The main content area shows the following settings:

Item	Setting
VPN	<input checked="" type="checkbox"/> Enable
NetBIOS broadcast	<input type="checkbox"/> Enable
Max. number of tunnels	<input type="text" value="1"/>

ID	Tunnel Name	Method
1	<input type="text" value="test"/>	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"/>

At the bottom, there are navigation buttons: "Previous page", "Next page", "Dynamic VPN Settings...", "L2TP Server Setting...", and "PPTP Server Setting...". There are also "Apply", "Cancel", and "Help" buttons with corresponding icons.

Please note:

If the remote location does not have a static IP address please use **Dynamic VPN Settings**, instead of the More button.

On the Tunnel 1 page enter the required information:

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

Remote Subnet/Netmask are for the network located on the other end of the VPN connection.

Make sure that you specify the Remote Gateway being public IP of the remote network (WAN address on remote router).

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

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

The screenshot shows the D-Link DI-804HV Web Configuration interface in Microsoft Internet Explorer. The browser's address bar shows `http://192.168.2.1`. The page title is "D-Link DI-804HV Broadband VPN Router". The navigation menu includes "Home", "Advanced", "Tools", "Status", and "Help". The "Home" tab is selected, and the "VPN" button in the left sidebar is highlighted. The main content area is titled "VPN Settings - Tunnel 1" and contains a table with the following items and settings:

Item	Setting
Tunnel Name	test
Aggressive Mode	<input type="checkbox"/> Enable
Local Subnet	192.168.2.0
Local Netmask	255.255.255.0
Remote Subnet	192.168.3.0
Remote Netmask	255.255.255.0
Remote Gateway	202.129.109.74
Preshare Key	test
IKE Proposal index	Select IKE Proposal...
IPSec Proposal index	Select IPSec Proposal...

At the bottom of the configuration area, there are four buttons: "Back", "Apply", "Cancel", and "Help". The "Apply" button is highlighted with a green checkmark icon. The browser's status bar at the bottom shows "Done" and "Internet".

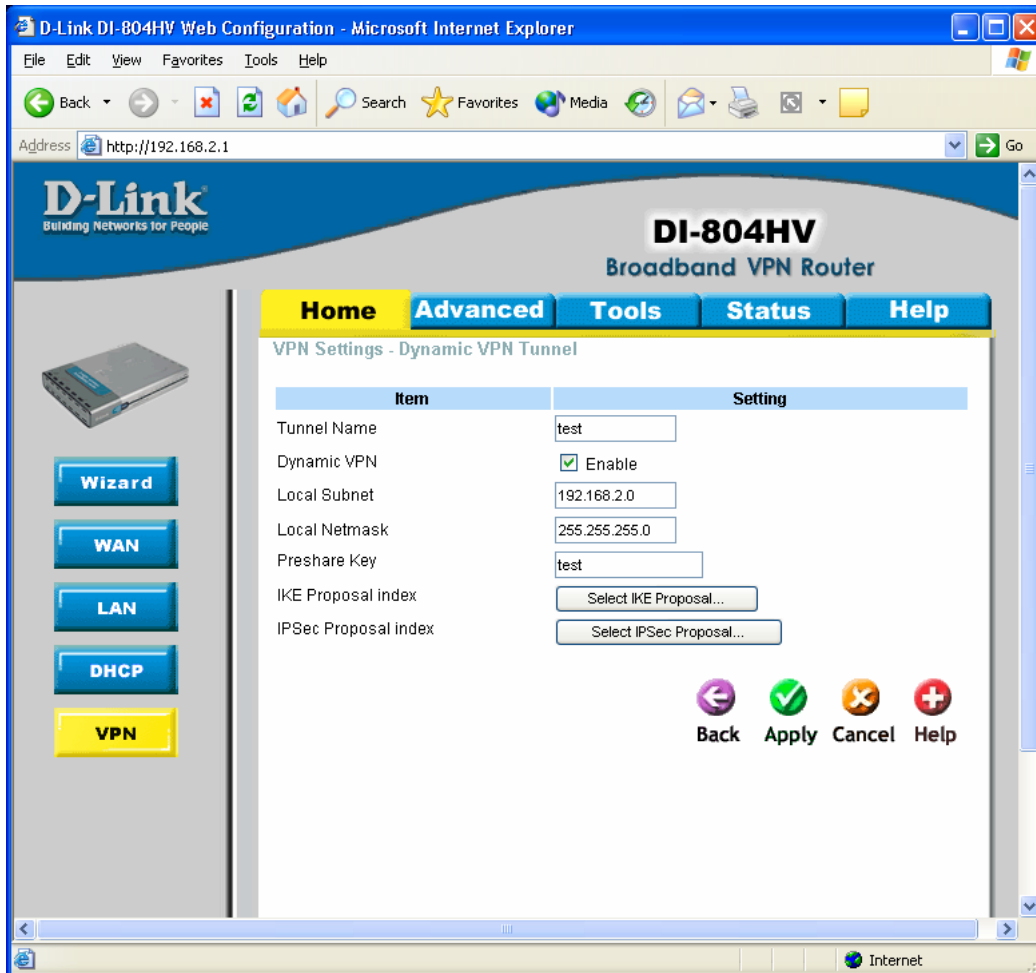
Dynamic VPN Settings page will look a bit different:

Dynamic VPN – put a tick next to Enable.

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 Home Unit).

Then click Apply, then click on “Select IKE Proposal...”



Below is the example how you can setup IKE Proposal.

We used the following settings:
ID 1, Name: test, Group 1, DES, SHA1, 3600, Sec

The screenshot shows the D-Link DI-804HV Web Configuration interface in Microsoft Internet Explorer. The browser address bar shows `http://192.168.2.1`. The page title is "D-Link DI-804HV Broadband VPN Router". The navigation tabs are "Home", "Advanced", "Tools", "Status", and "Help". The "Advanced" tab is selected, and the sub-page is "VPN Settings - Tunnel 1 - Set IKE Proposal".

On the left side, there is a sidebar with buttons for "Wizard", "WAN", "LAN", "DHCP", and "VPN" (highlighted in yellow). Above the sidebar is an image of the router.

The main content area shows the "IKE Proposal index" with a table and a "Remove" button. Below the table is a form to add a new 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 1	DES	SHA1	3600	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.

Below the table, there is a form to add a new proposal:

Proposal ID: Proposal index

At the bottom of the page, there are four buttons: "Back" (left arrow), "Apply" (checkmark), "Cancel" (X), and "Help" (plus sign).

Click Apply, then click on Back.

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, then click Apply.

The screenshot shows the D-Link DI-804HV Web Configuration interface in Microsoft Internet Explorer. The browser address bar shows <http://192.168.2.1>. The page title is "D-Link DI-804HV Broadband VPN Router". The navigation menu includes Home, Advanced, Tools, Status, and Help. The current page is "VPN Settings - Tunnel 1 - Set IPSEC Proposal".

On the left side, there is a sidebar with buttons for Wizard, WAN, LAN, DHCP, and VPN (highlighted in yellow). Above the buttons is an image of the DI-804HV router.

The main content area shows the "IPSec Proposal index" with a text input field containing "test" and a "Remove" button. Below this is a table with the following columns: ID, Proposal Name, DH Group, Encap protocol, Encrypt algorithm, Auth algorithm, Life Time, and Life Time Unit.

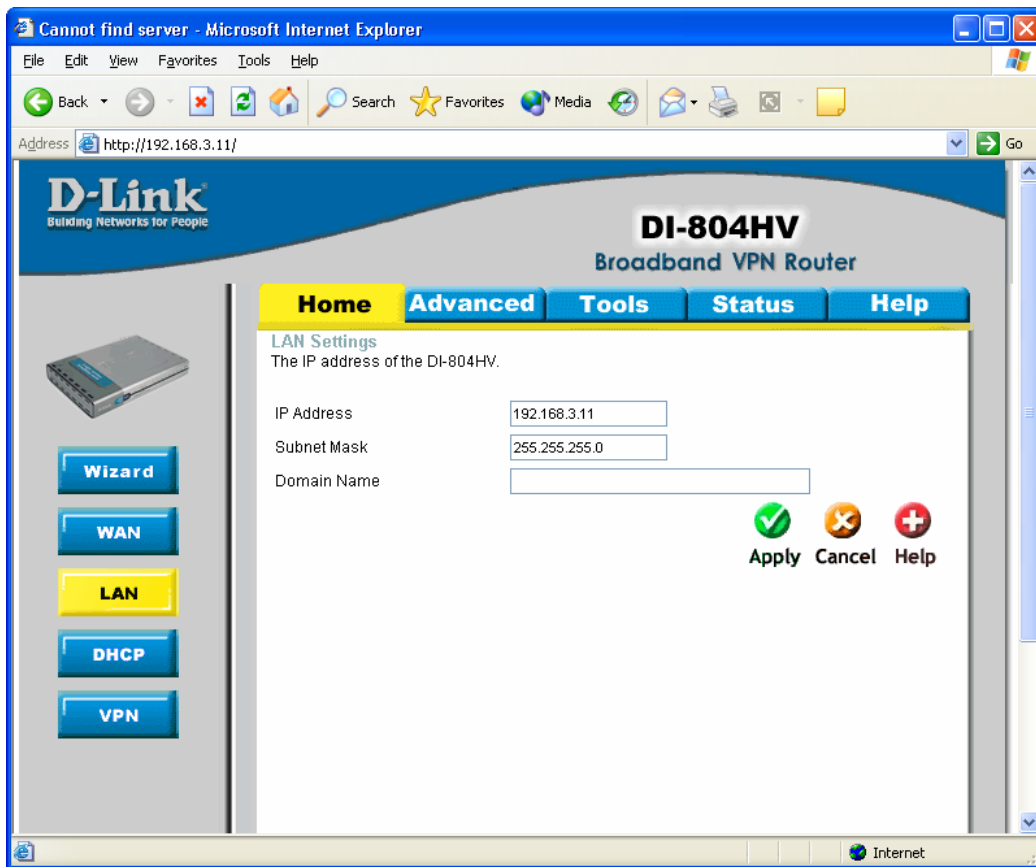
ID	Proposal Name	DH Group	Encap protocol	Encrypt algorithm	Auth algorithm	Life Time	Life Time Unit
1	test	Group 1	ESP	DES	SHA1	3600	Sec.
2		None	ESP	3DES	None	0	Sec.
3		None	ESP	3DES	None	0	Sec.
4		None	ESP	3DES	None	0	Sec.
5		None	ESP	3DES	None	0	Sec.
6		None	ESP	3DES	None	0	Sec.
7		None	ESP	3DES	None	0	Sec.
8		None	ESP	3DES	None	0	Sec.
9		None	ESP	3DES	None	0	Sec.
10		None	ESP	3DES	None	0	Sec.

At the bottom of the table, there is a "Proposal ID" dropdown menu (set to "-- select one --"), an "Add to" button, and a "Proposal index" label. At the bottom right of the page, there are four circular icons: a purple arrow, a green checkmark, an orange X, and a red plus sign.

This is all you need to do to configure the Office Unit. Now you need to setup the Home Unit. The setup will be almost the same as on the DI-804HV Office Unit.

Home DI-804HV VPN Connection settings:

Go to Home > LAN page. Change the IP address of the LAN port of the router to required IP. Once you have changed it, make sure your PC has an IP address from the same subnet (192.168.3.x in this example).



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

The screenshot shows the configuration interface for a D-Link DI-804HV Broadband VPN Router. The browser window is titled "Cannot find server - Microsoft Internet Explorer" and the address bar shows "http://192.168.3.11/". The router's web interface has a blue header with the D-Link logo and the model name "DI-804HV Broadband VPN Router". A navigation menu includes "Home", "Advanced", "Tools", "Status", and "Help". On the left side, there are buttons for "Wizard", "WAN", "LAN", "DHCP", and "VPN". The "WAN Settings" section is active, with a sub-header "WAN Settings" and the instruction "Please select the appropriate option to connect to your ISP." The options are:

- Dynamic IP Address: Choose this option to obtain an IP address automatically from your ISP. (For most Cable modem users)
- Static IP Address: Choose this option to set static IP information provided to you by your ISP.
- PPPoE: Choose this option if your ISP uses PPPoE. (For most DSL users)
- Dial-up Network: To surf the Internet via PSTN/ISDN.
- Others: PPTP and BigPond Cable.

Below the options is the "Static IP Address" section with the following fields:

IP Address	202.129.109.74
Subnet Mask	255.255.255.224
ISP Gateway Address	202.129.109.65
Primary DNS Address	202.129.64.198
Secondary DNS Address	139.134.5.51
MTU	1400
Auto-backup	<input type="radio"/> Enabled <input checked="" type="radio"/> Disabled

At the bottom right of the configuration 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 make sure you can access the Internet, then log back in to the router and go into Home > VPN.

Make sure you have VPN Enable box ticked.

In the Max number of tunnels section, enter the number of tunnels needed (e.g. 2).

Type in a name for the Tunnel Name, something related to the VPN connection would be a good idea, e.g. *Office, Home* etc...

Then click on "More" button to the right of the ID "1"

The screenshot shows the configuration page for a D-Link DI-804HV Broadband VPN Router. The browser window title is "Cannot find server - Microsoft Internet Explorer" and the address bar shows "http://192.168.3.11/". The page has a navigation menu with "Home", "Advanced", "Tools", "Status", and "Help". The "Home" tab is selected, and the "VPN Settings" section is active. On the left side, there are buttons for "Wizard", "WAN", "LAN", "DHCP", and "VPN". The "VPN" button is highlighted in yellow.

The "VPN Settings" section includes a table with the following data:

Item	Setting
VPN	<input checked="" type="checkbox"/> Enable
NetBIOS broadcast	<input type="checkbox"/> Enable
Max. number of tunnels	<input type="text" value="1"/>

Below this table is a table for configuring tunnels:

ID	Tunnel Name	Method
1	<input type="text" value="test"/>	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"/>

At the bottom of the page, there are buttons for "Previous page", "Next page", "Dynamic VPN Settings...", "L2TP Server Setting...", and "PPTP Server Setting...". At the very bottom, there are three icons: a green checkmark for "Apply", an orange 'X' for "Cancel", and a red plus sign for "Help".

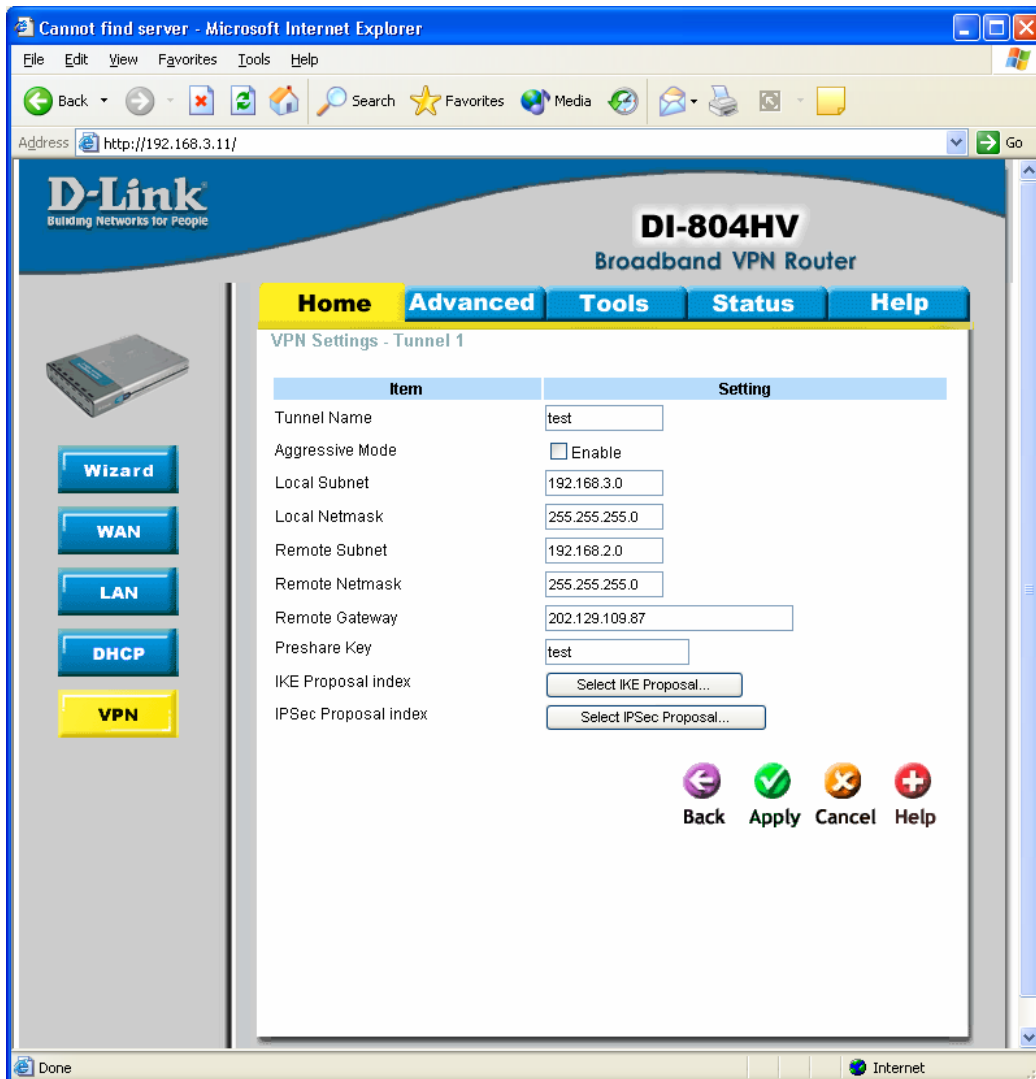
On the Tunnel 1 page enter the required information:

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

Remote Subnet/Netmask are for the network located on the other end of the VPN connection (the Office Unit network).

Remote Gateway is public IP of the remote network (WAN address on Office Unit DI-804HV).

Preshare Key: this should be the same key you have entered when configuring the Office Unit.



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

You need to setup IKE Proposal with the same settings as the Office Unit.

Cannot find server - Microsoft Internet Explorer

Address: http://192.168.3.11/

DI-804HV Broadband VPN Router

Home Advanced Tools Status Help

VPN Settings - Tunnel 1 - 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 1	DES	SHA1	3600	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 Apply, then click on Back.

Click on "IPSec Proposal".

Configure it the same way as on the IKE Proposal page, then click Apply.

The screenshot shows the configuration page for the D-Link DI-804HV Broadband VPN Router. The browser window is titled "Cannot find server - Microsoft Internet Explorer" and the address bar shows "http://192.168.3.11/". The router's web interface has a blue header with the D-Link logo and the model name "DI-804HV Broadband VPN Router". The navigation tabs are "Home", "Advanced", "Tools", "Status", and "Help". The "Advanced" tab is selected, and the sub-page is "VPN Settings - Tunnel 1 - Set IPSEC Proposal".

On the left side, there is a sidebar with buttons for "Wizard", "WAN", "LAN", "DHCP", and "VPN". The "VPN" button is highlighted in yellow. Above the sidebar is an image of the router.

The main content area shows the "IPSec Proposal index" with a text input field containing "test" and a "Remove" button. Below this is a table of proposals:

ID	Proposal Name	DH Group	Encap protocol	Encrypt algorithm	Auth algorithm	Life Time	Life Time Unit
1	test	Group 1	ESP	DES	SHA1	3600	Sec.
2		None	ESP	3DES	None	0	Sec.
3		None	ESP	3DES	None	0	Sec.
4		None	ESP	3DES	None	0	Sec.
5		None	ESP	3DES	None	0	Sec.
6		None	ESP	3DES	None	0	Sec.
7		None	ESP	3DES	None	0	Sec.
8		None	ESP	3DES	None	0	Sec.
9		None	ESP	3DES	None	0	Sec.
10		None	ESP	3DES	None	0	Sec.

Below the table, there is a "Proposal ID" dropdown menu set to "-- select one --" and an "Add to Proposal index" button. At the bottom right, there are four buttons: "Back" (left arrow), "Apply" (green checkmark), "Cancel" (orange X), and "Help" (red plus).

This is all you need to do to configure the VPN connection between Office Unit and Home Unit.

Appendix 1. How to test your VPN connection.

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

To bring the VPN tunnel up you just need to try to access any IP address on the network at the remote location, pinging the other location is the easiest way.

To do this go to Start > Run, type *command* and click on OK.

Depending on what location you are at will depend on what you type in.

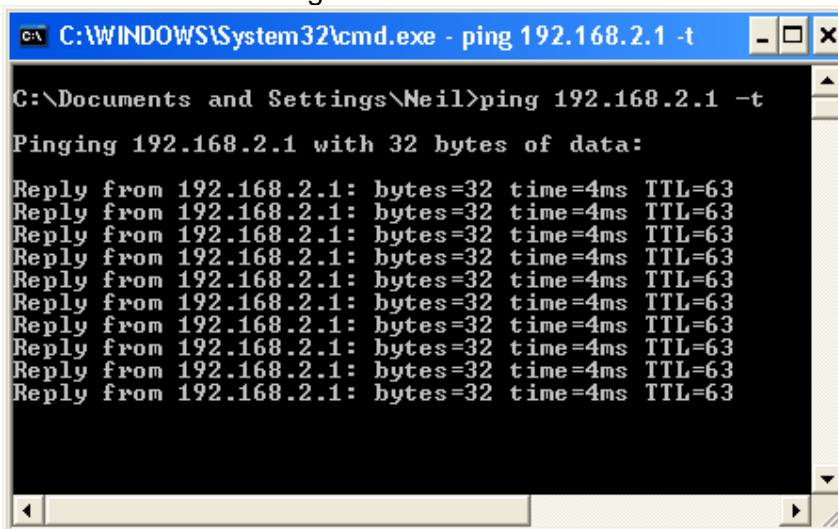
If you are located on the 192.168.2.x side (Office) type in the following and press Enter (this will ping the IP of the Home Unit):

```
ping 192.168.3.11 -t
```

Or if your location is network with 192.168.3.x (Home) type:

```
ping 192.168.2.1 -t
```

You should see messages similar to the ones below:

A screenshot of a Windows command prompt window. The title bar reads "C:\WINDOWS\System32\cmd.exe - ping 192.168.2.1 -t". The command prompt shows the user's current directory as "C:\Documents and Settings\Neil" and the command "ping 192.168.2.1 -t" has been entered. The output shows "Pinging 192.168.2.1 with 32 bytes of data:" followed by ten lines of "Reply from 192.168.2.1: bytes=32 time=4ms TTL=63".

```
C:\WINDOWS\System32\cmd.exe - ping 192.168.2.1 -t
C:\Documents and Settings\Neil>ping 192.168.2.1 -t
Pinging 192.168.2.1 with 32 bytes of data:
Reply from 192.168.2.1: bytes=32 time=4ms TTL=63
Reply from 192.168.2.1: bytes=32 time=4ms TTL=63
Reply from 192.168.2.1: bytes=32 time=4ms TTL=63
Reply from 192.168.2.1: bytes=32 time=4ms TTL=63
Reply from 192.168.2.1: bytes=32 time=4ms TTL=63
Reply from 192.168.2.1: bytes=32 time=4ms TTL=63
Reply from 192.168.2.1: bytes=32 time=4ms TTL=63
Reply from 192.168.2.1: bytes=32 time=4ms TTL=63
Reply from 192.168.2.1: bytes=32 time=4ms TTL=63
Reply from 192.168.2.1: bytes=32 time=4ms TTL=63
```

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.

If you now log into the DI-804HV and go into Status > Log you can see the VPN connection log.

The screenshot shows a Microsoft Internet Explorer browser window displaying the web management interface of a D-Link DI-804HV Broadband VPN Router. The address bar shows the URL `http://192.168.3.11/`. The interface has a blue header with the D-Link logo and the product name. Below the header is a navigation menu with tabs for Home, Advanced, Tools, Status, and Help. The 'Status' tab is selected and highlighted in yellow. On the left side, there is a sidebar with a device image and three buttons: 'Device Info', 'Log', and 'Stats'. The main content area is titled 'View Log' and contains a description: 'View Log displays the activities occurring on the DI-804HV. Click on Log Settings for advance features.' Below this are navigation buttons: 'First Page', 'Last Page', 'Previous', 'Next', 'Clear', and 'Log Settings'. A 'Help' icon is also present. The log content shows the following details:

Page 1/1

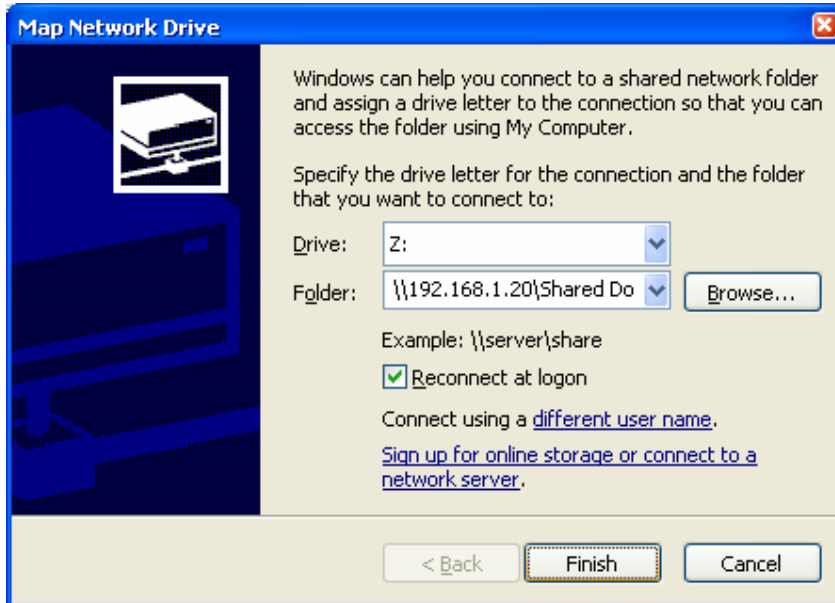
WAN Type: Static IP Address (V1.34)
Display time: Tue Oct 21 00:00:14 2003

*Send IKE M1(INIT) : 202.129.109.74 --> 202.129.109.87
Tuesday, 21 October 2003 12:00:01 AM Receive IKE M1(INIT) : 202.129.109.87 --> 202.129.109.74
Tuesday, 21 October 2003 12:00:01 AM Try to match with ENC:DES AUTH:PSK HASH:SHA1 Group:Group1
Tuesday, 21 October 2003 12:00:01 AM Send IKE M2(RESP) : 202.129.109.74 --> 202.129.109.87
Tuesday, 21 October 2003 12:00:01 AM Receive IKE M3(KEYINIT) : 202.129.109.87 --> 202.129.109.74
Tuesday, 21 October 2003 12:00:01 AM Send IKE M4(KEYRESP) : 202.129.109.74 --> 202.129.109.87
Tuesday, 21 October 2003 12:00:01 AM Receive IKE M5(IDINIT) : 202.129.109.87 --> 202.129.109.74
Tuesday, 21 October 2003 12:00:01 AM Send IKE M6(IDRESP) : 202.129.109.74 --> 202.129.109.87
Tuesday, 21 October 2003 12:00:01 AM IKE Phase1 (ISAKMP SA) established : 202.129.109.74 <-> 202.129.109.87
Tuesday, 21 October 2003 12:00:02 AM Receive IKE Q1(QINIT) : [202.129.109.87]--> [202.129.109.74]
Tuesday, 21 October 2003 12:00:02 AM Requested routing is [192.168.2.0|202.129.109.87]<->[202.129.109.74|192.168.3.0]
Tuesday, 21 October 2003 12:00:02 AM Try to match with MODE:Tunnel PROTOCOL:ESP-DES AUTH:SHA1 HASH:Others PFS(Group):Group1
Tuesday, 21 October 2003 12:00:02 AM Send IKE Q2(QRESP) : 192.168.3.0 --> 192.168.2.0
Tuesday, 21 October 2003 12:00:02 AM Receive IKE Q3(QHASH) : [192.168.2.0|202.129.109.87]-->[202.129.109.74|192.168.3.0]
Tuesday, 21 October 2003 12:00:02 AM IKE Phase2 (IPSEC SA) established : [192.168.2.0|202.129.109.87]<->[202.129.109.74|192.168.3.0]
Tuesday, 21 October 2003 12:00:02 AM inbound SPI = 0x2000010, outbound SPI = 0x2000010

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 Neighbourhood 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**.

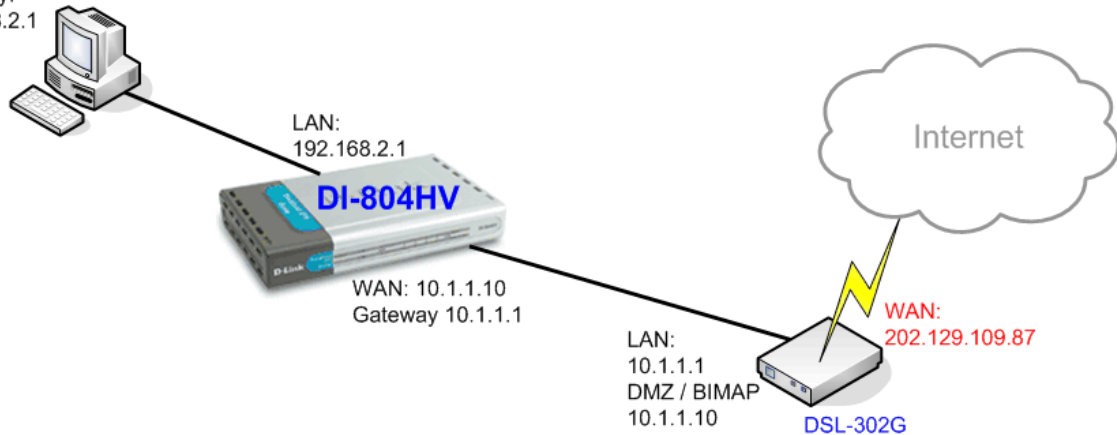
Note that you need to enable VPN passthrough on the router. Or go to **NAT Configuration** and enable **DMZ**: specify the IP address of the WAN port of DI-804HV there.

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 IPs 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 passthrough 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				
Rule Flavor:	BIMAP <input type="button" value="v"/>			
Rule ID:	2			
IF Name:	ALL <input type="button" value="v"/>			
Local Address:	10	1	1	10
Global Address:	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.

D-Link Australia & NZ Technical Support Team can be contacted on +61 2 88991800 or support@dlink.com.au

~ End of Document ~