

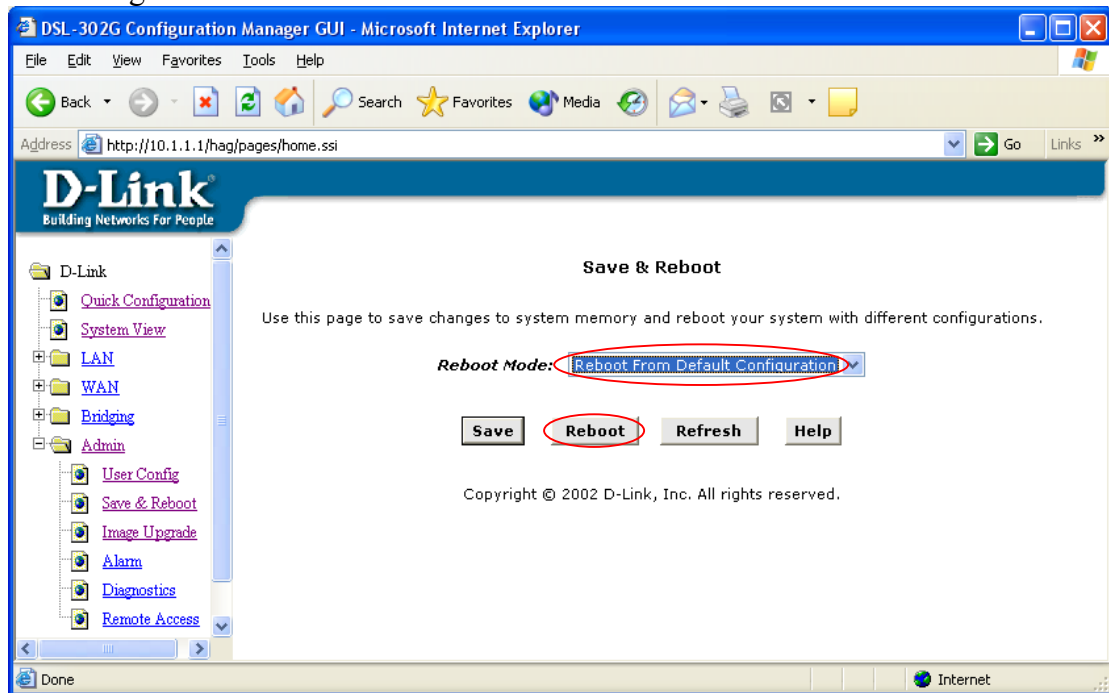
## How to set DSL-302G from default PPPoA mode into IPoA mode

Version: 1.0

Date: 2 June 2003

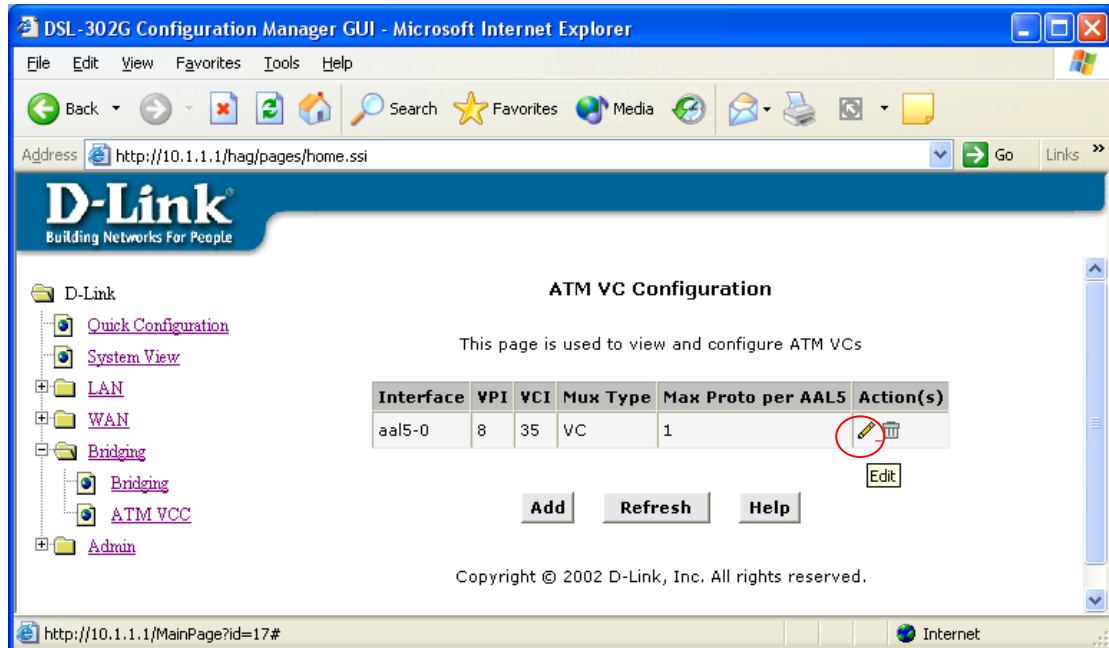
Written by: Steven Sia

- 1) Connect the Ethernet port from DSL-302G to PC running the web browser.
- 2) Interface to DSL-302G as per normal via <http://10.1.1.1/>
- 3) In this example, we will set it from the default PPPoA mode so a default restore is required as shown below. Select “Reboot From Default Configuration” and click on “Reboot”.

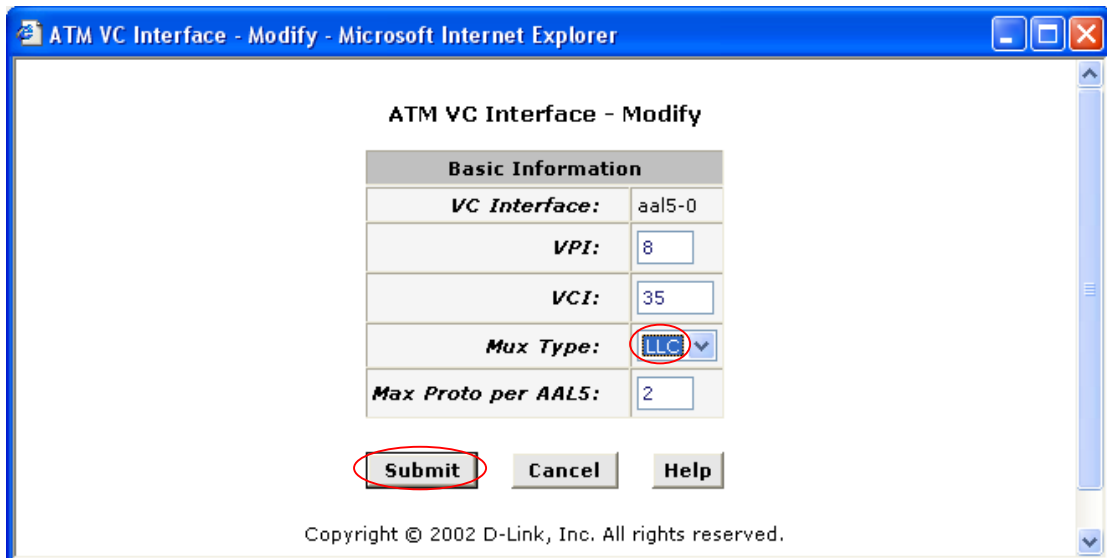


- 4) Check under “Bridging > ATM VCC”. Make sure you have defined the VPI/VCI and Mux Type (VC-Mux or LLC) correctly.

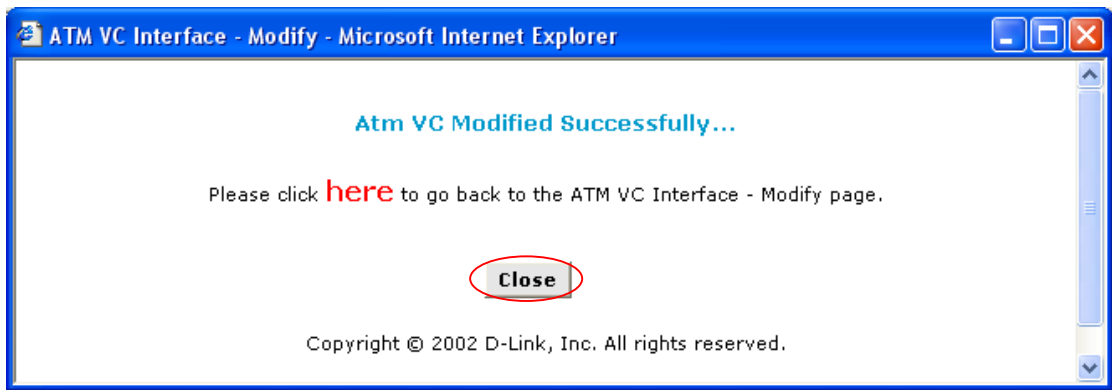
**IMPORTANT:** *You MUST confirm all these settings with your ISP.*  
In this example, VPI/VCI = 8/35 and Mux Type = LLC as per most ISP’s network requirement.  
*If your ISP is using 8/35 and VC-Mux, then move on to step 8).*



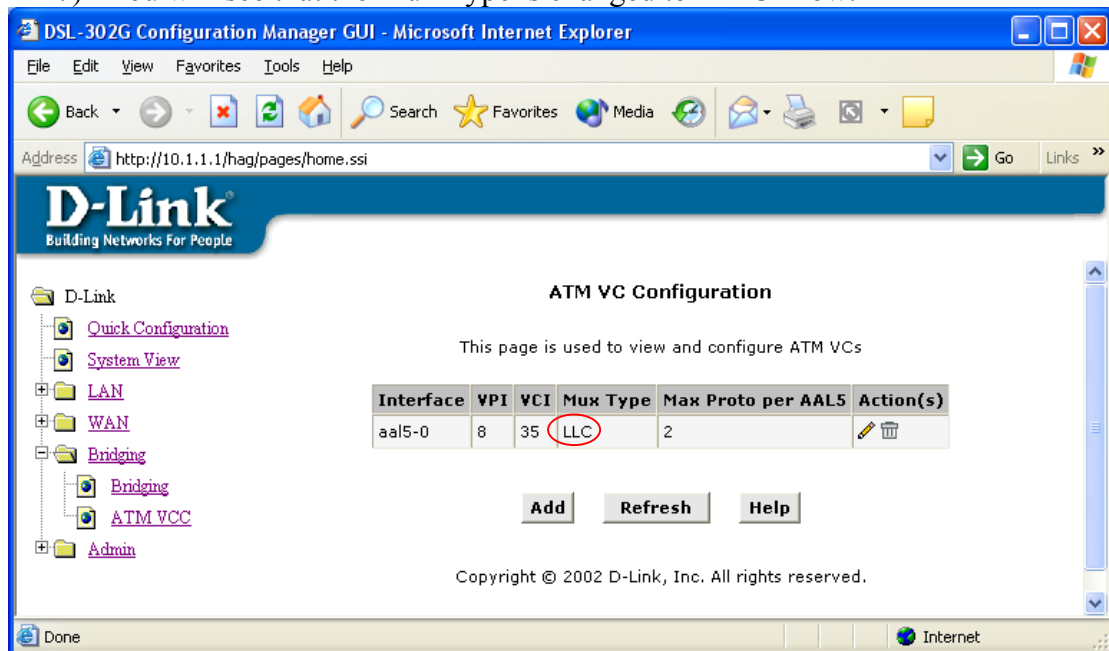
- 5) Click on the “pencil” icon (Edit) above. Select “LLC” below and click on “Submit”.



- 6) Click on “Close” to close the small page.



7) You will see that the Mux Type is changed to “LLC” now.



- 8) Go to “WAN > PPP”, click on the “trashcan” icon (on the right) and “OK” to delete it. Then, click “Submit” button to save in temporary memory.

Cannot find server - Microsoft Internet Explorer

Address <http://10.1.1.1/>


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**Point to Point Protocol (PPP) Configuration**

This page is used to Configure and View PPP interfaces.

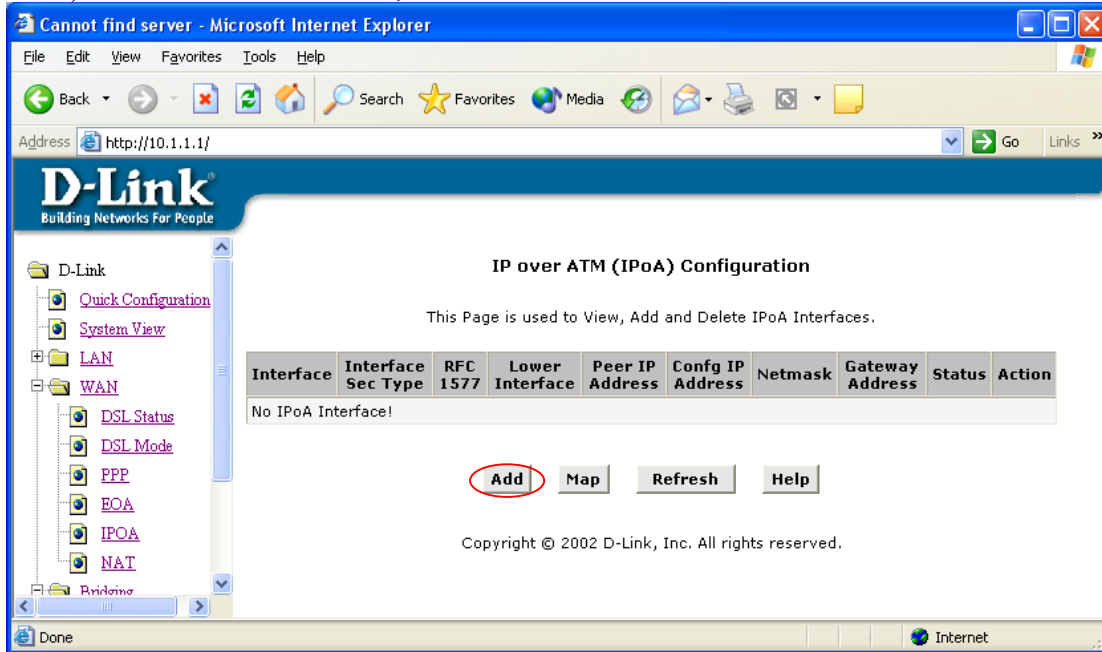
*Inactivity TimeOut(mins) for startondata PPP Interfaces:*

*Ignore WAN to LAN traffic while monitoring inactivity:*

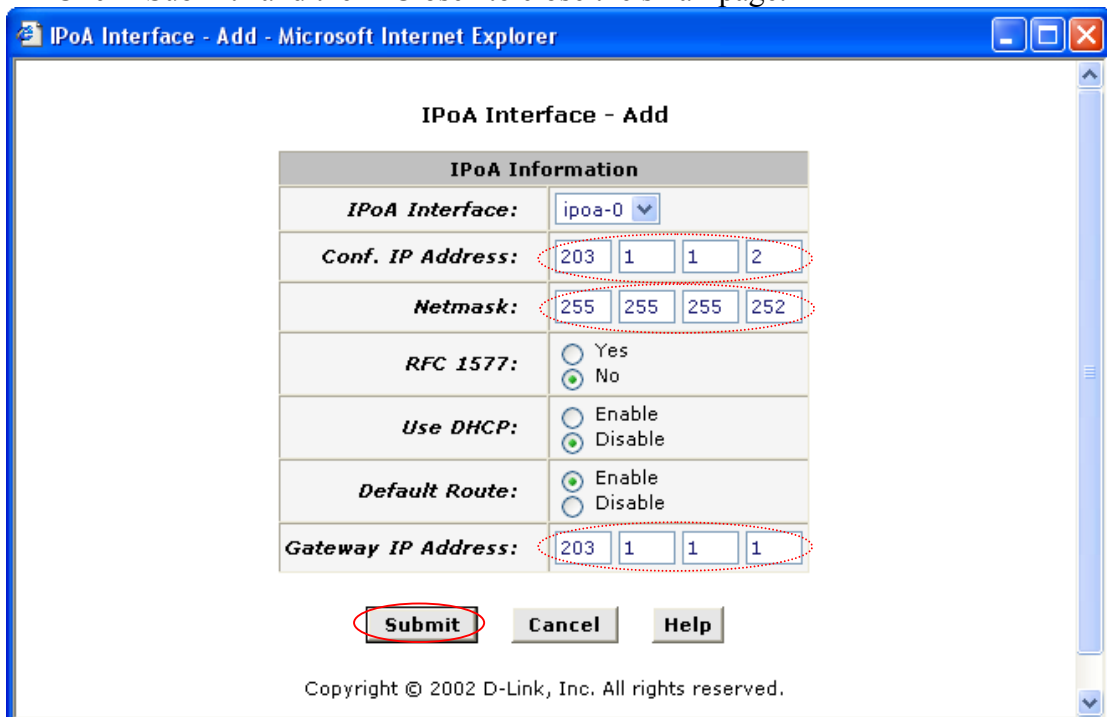
Interface	VC	Interface Sec Type	Protocol	WAN IP	Gateway IP	Default Route	Use DHCP	Use DNS	Oper. Status	Action
ppp-0	aal5-0	Public	PPPoA	0.0.0.0	0.0.0.0	Enable	Disable	Enable	Disconnect	 <input type="button" value="Delete"/>

[http://10.1.1.1/Action?id=31&ex\\_param1=16](http://10.1.1.1/Action?id=31&ex_param1=16) Internet

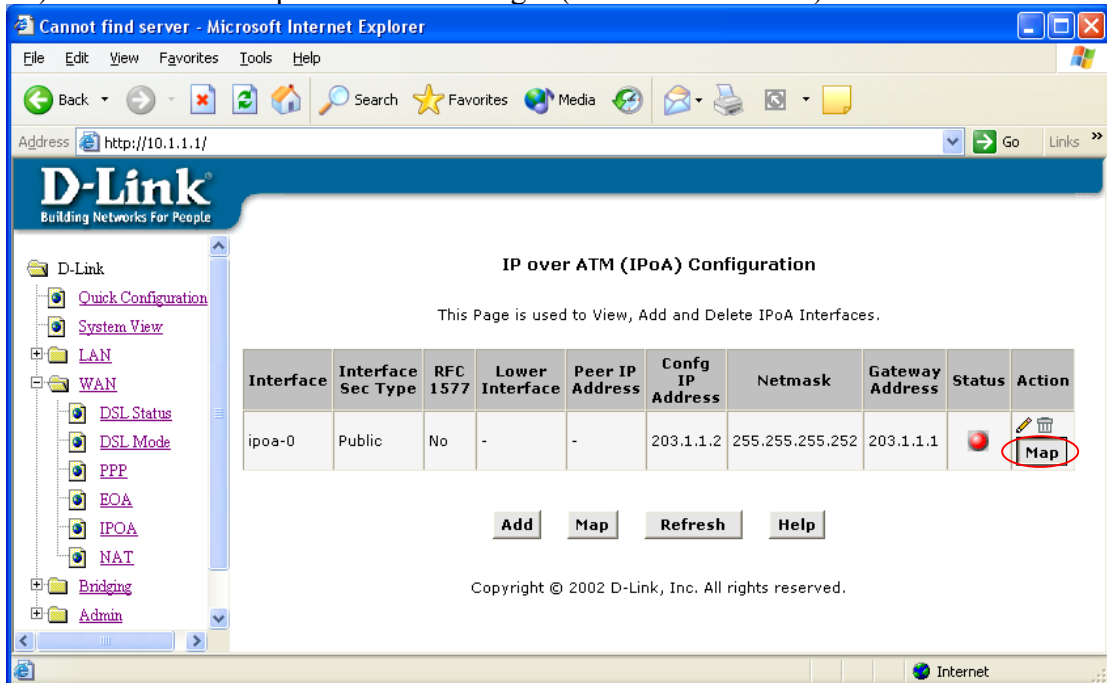
9) Go to “WAN > IPOA”, click on “Add”.



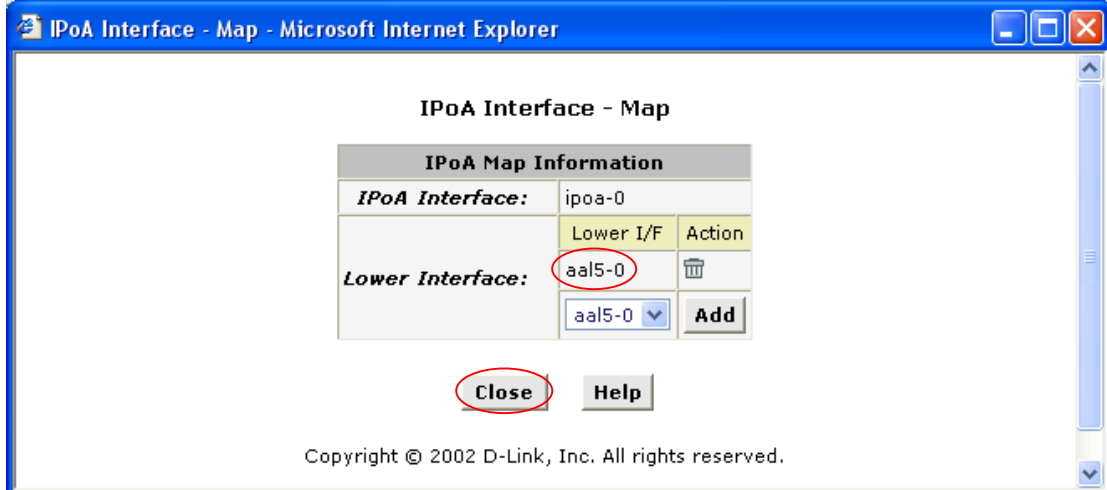
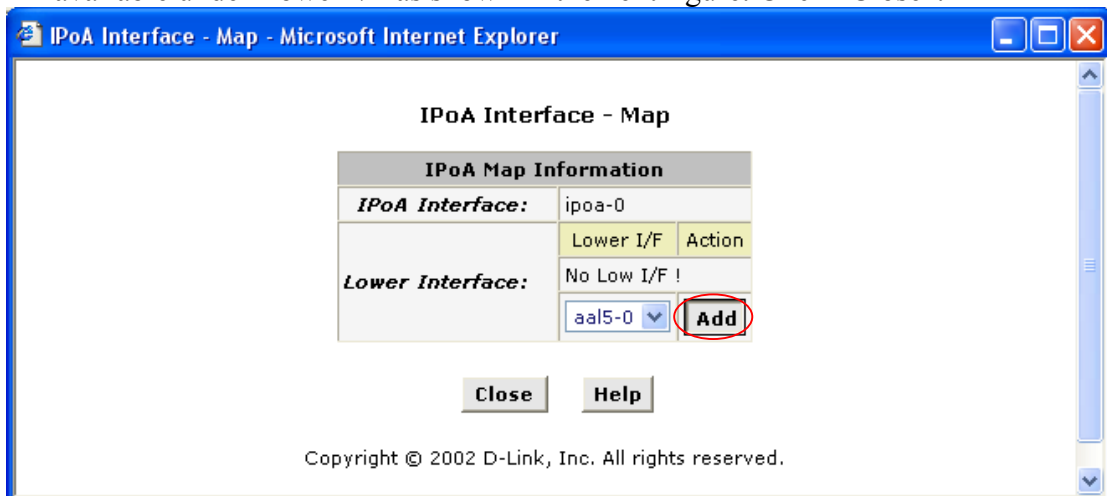
10) Enter your IPoA Configuration IP Address as given to you by your ISP, including Netmask and Gateway IP Address.  
In this example, the customer IP = 203.1.1.2/30 ( 255.255.255.252) and ISP's Gateway IP = 203.1.1.1  
Click “Submit” and then “Close” to close the small page.



11) Click on the “Map” button on the right (NOT at the bottom).



12) Then, simply click “Add” as below and you should see the “aal5-0” becomes available under Lower I/F as shown in the next figure. Click “Close”.



13) You should see the whole entry which looks like below.

**IP over ATM (IPoA) Configuration**

This Page is used to View, Add and Delete IPoA Interfaces.

Interface	Interface Sec Type	RFC 1577	Lower Interface	Peer IP Address	Config IP Address	Netmask	Gateway Address	Status	Action
ipoa-0	Public	No	aal5-0	0.0.0.0	203.1.1.2	255.255.255.252	203.1.1.1		

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14) Go to “WAN > NAT” and confirm that it is “Enable” then click “Submit”.

**Network Address Translation (NAT) Configuration**

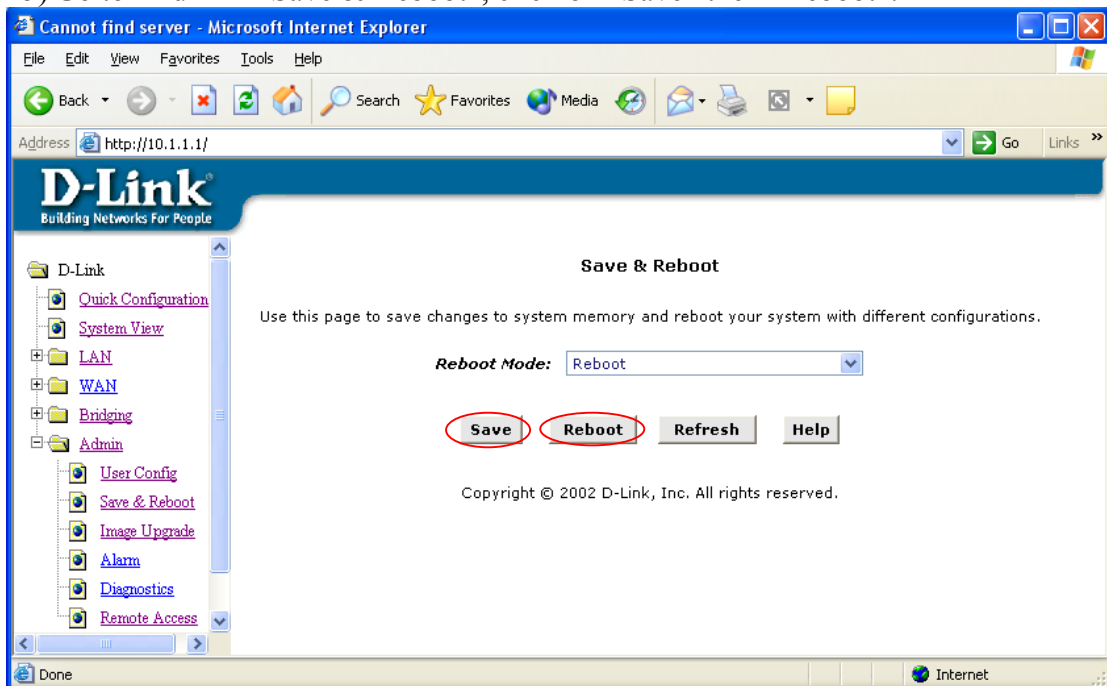
Use this page to configure Network Address Translation, a security protocol in which the device translates the IP addresses of your LAN computers to new addresses before sending data out on the Internet.

NAT Options:

Enable  Disable

NAT Global Information	
TCP Idle Timeout(sec):	<input type="text" value="86400"/>
TCP Close Wait(sec):	<input type="text" value="60"/>
TCP Def Timeout(sec):	<input type="text" value="60"/>
UDP Timeout(sec):	<input type="text" value="300"/>
ICMP Timeout(sec):	<input type="text" value="5"/>
GRE Timeout(sec):	<input type="text" value="300"/>
Default Nat Age(sec):	<input type="text" value="240"/>
NAPT Port Start:	50000
NAPT Port End:	51023

15) Go to “Admin > Save & Reboot”, click on “Save” then “Reboot”.



16) Now, your IPoA connection should be up and running now. Simply set your PC's IP address to “Obtain IP Address automatically” (restart if asked), you should be able to surf the Internet now. Please consult your ISP if you are unsure what your ADSL connection type is (PPPoA, PPPoE, Bridge RFC1483 or IPoA), what values VPI/VCI and Mux type (VC-Mux or LLC) are, or how to set the DSL-302G ADSL modem accordingly.

~ End of Document ~