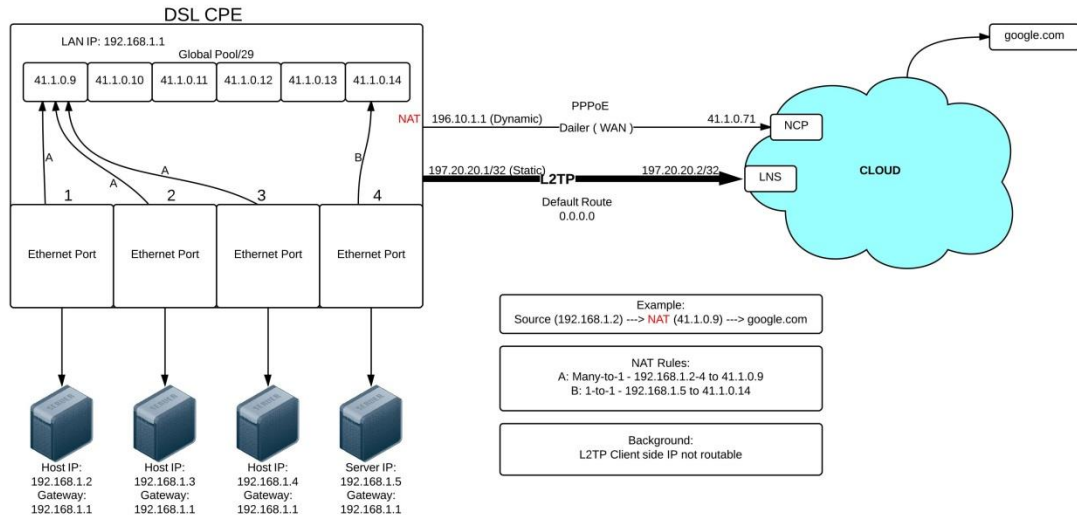




L2TP Setup Guide

(NAT Enabled with Global Pool)

Scenario 3: NAT Enabled with Global Pool



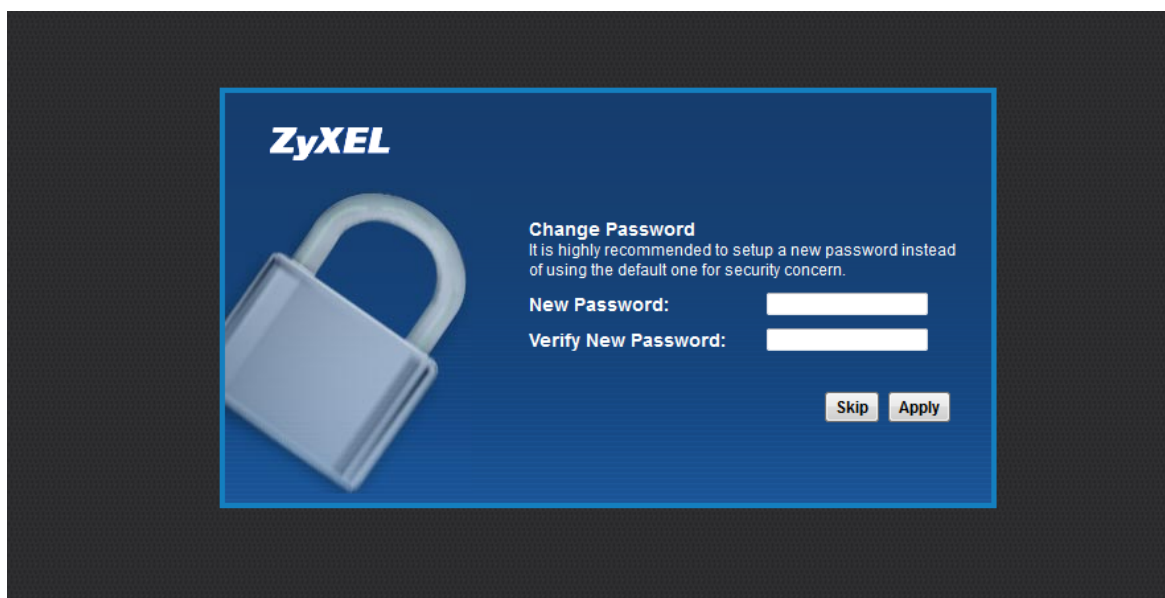
L2TP (NAT Enabled with Global Pool)

Scenario 3

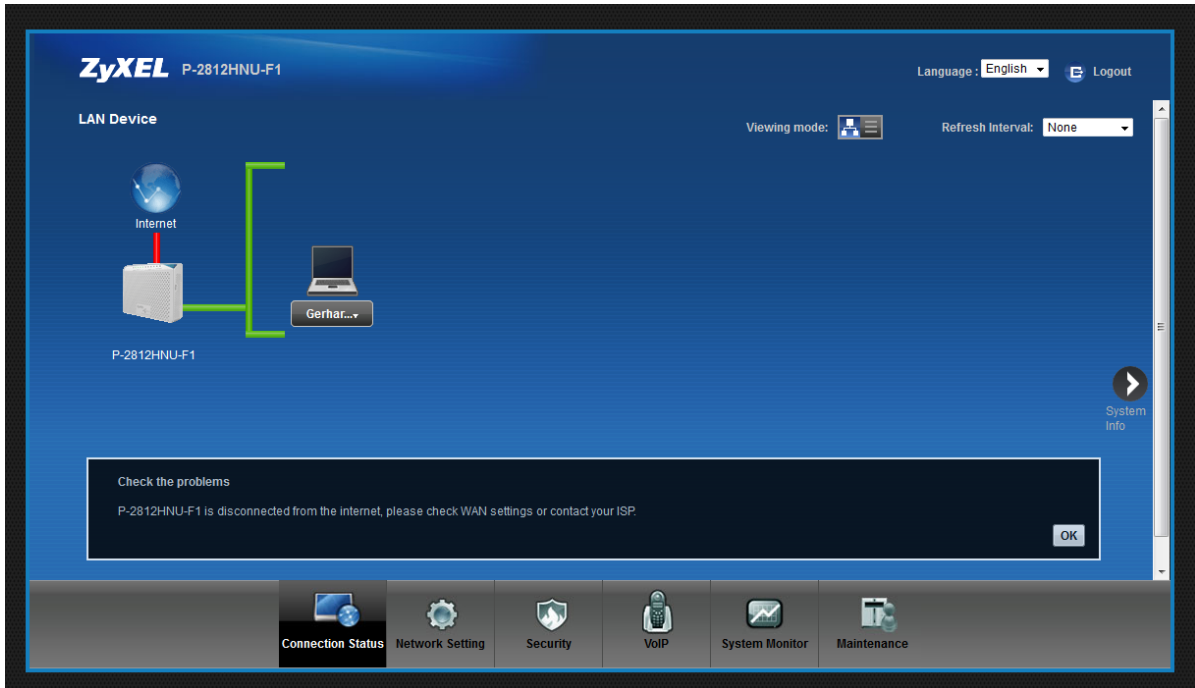
- Open your web browser and type in the address bar the LAN IP of the P-2812HNU-F1 (default LAN IP is 192.168.1.1)
- You are now at the login page of the P-2812HNU-F1



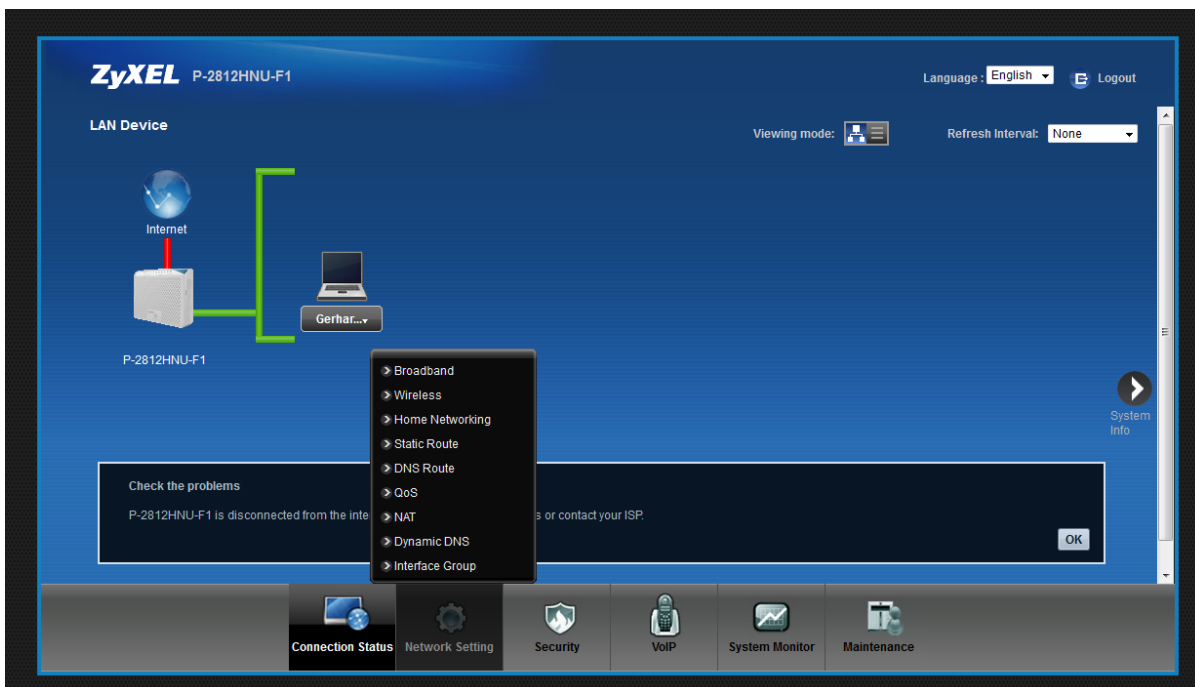
- Default Username = admin
- Default Password = 1234
- Click on the Login button



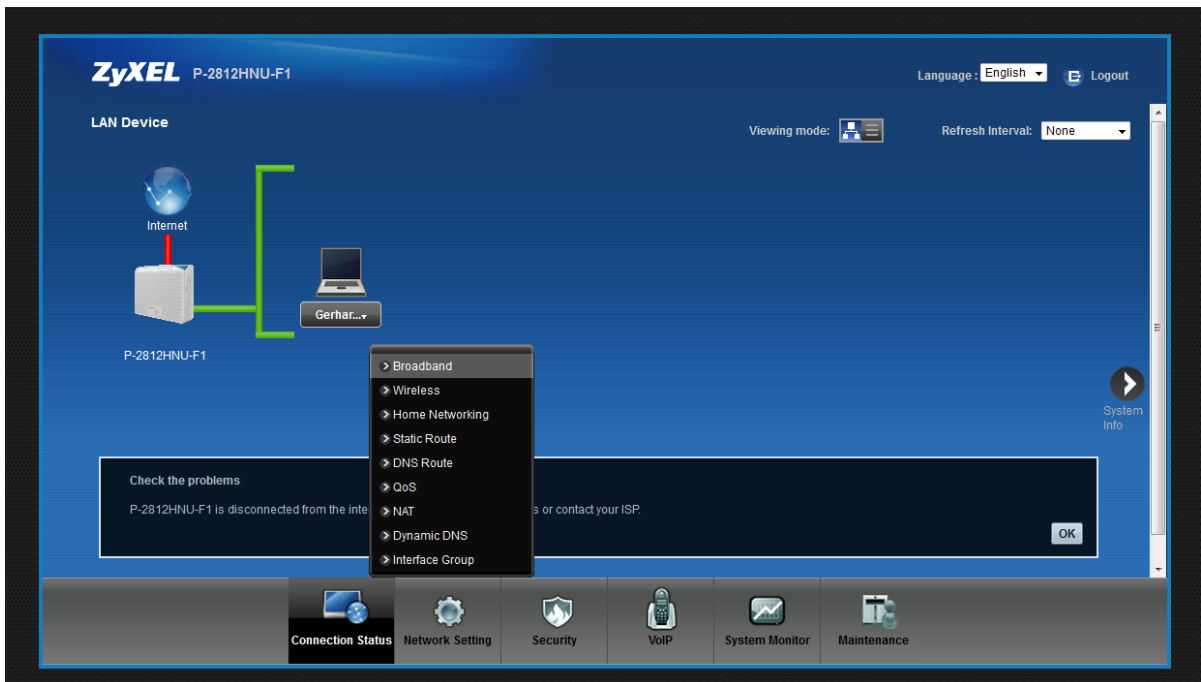
- At this Change Password-page you can click on Skip or you can change the Password of the admin account (your choice)



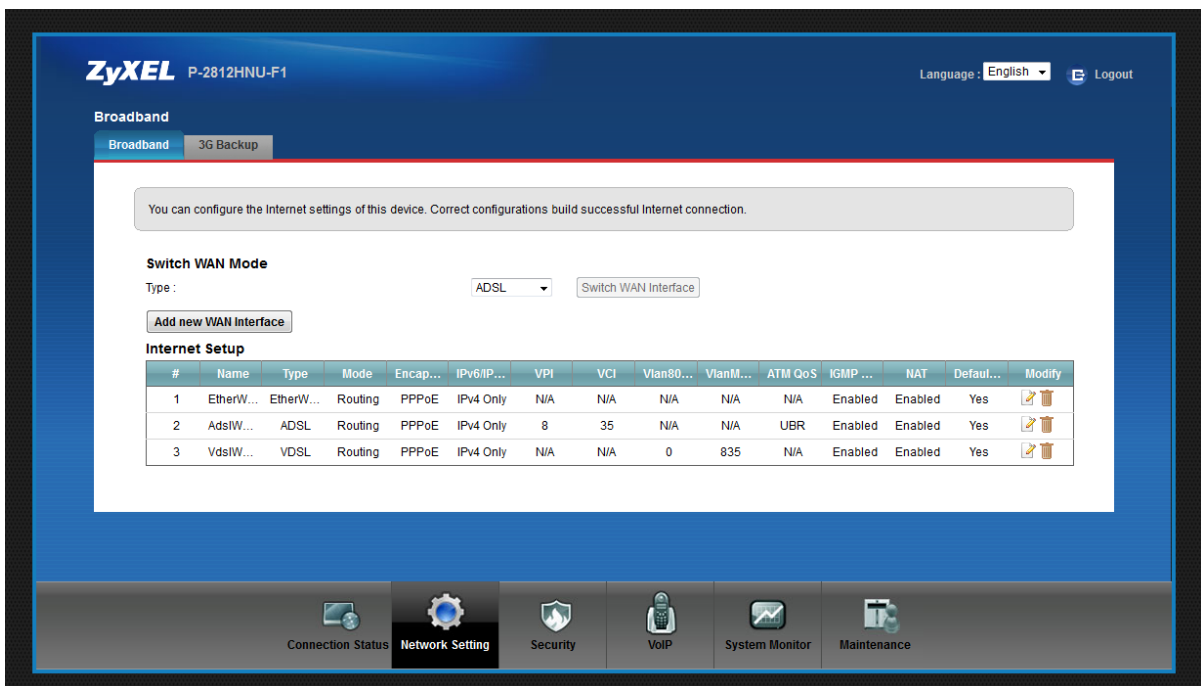
- You are now logged into the GUI of the P-2812HNU-F1; No PPPoE connection has been setup, hence the reason the Internet line in the diagram is red



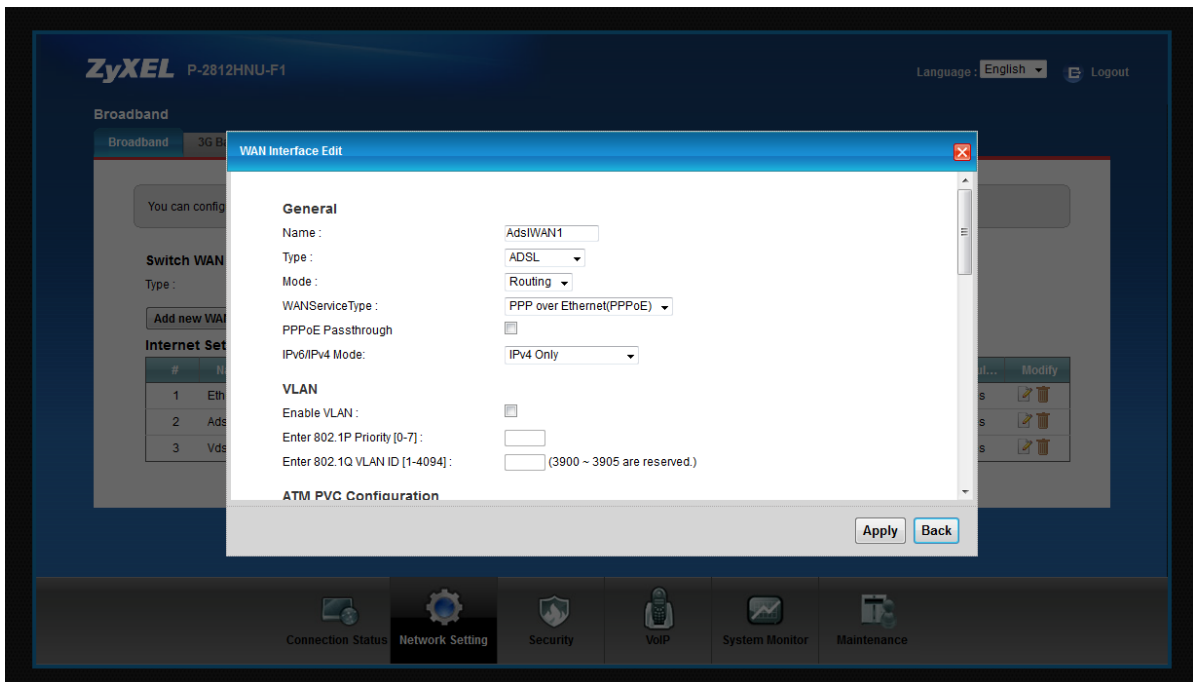
- Mouse over the Network Setting tab



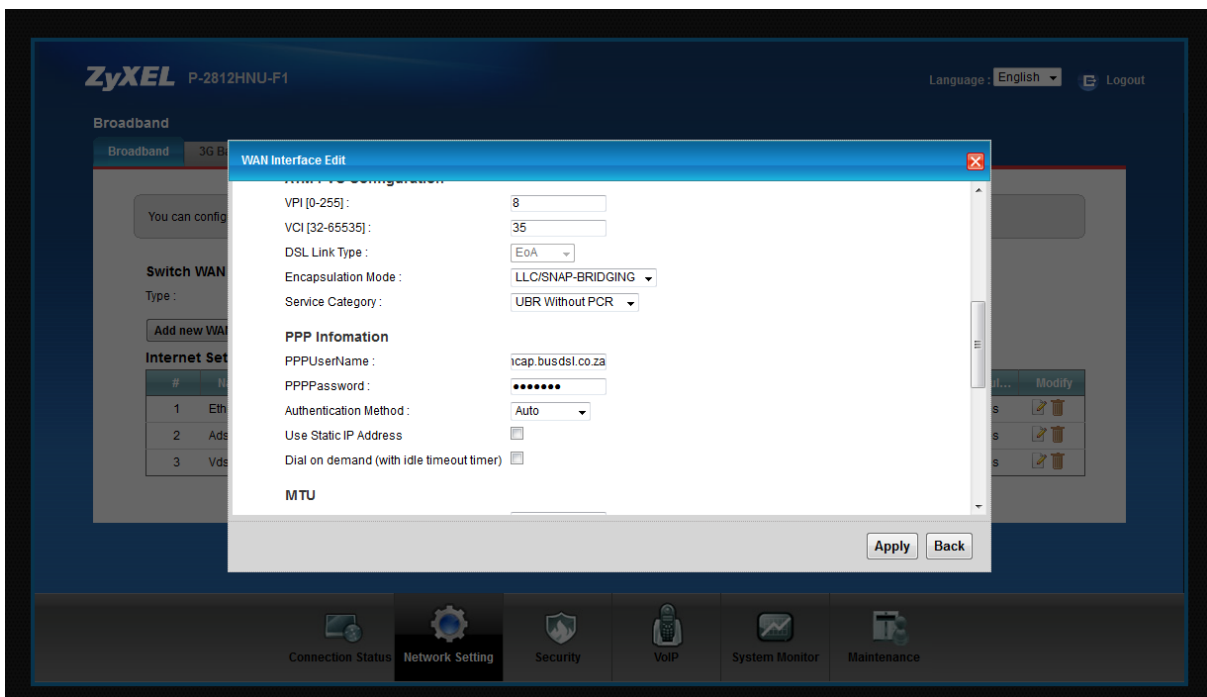
- Click on Broadband



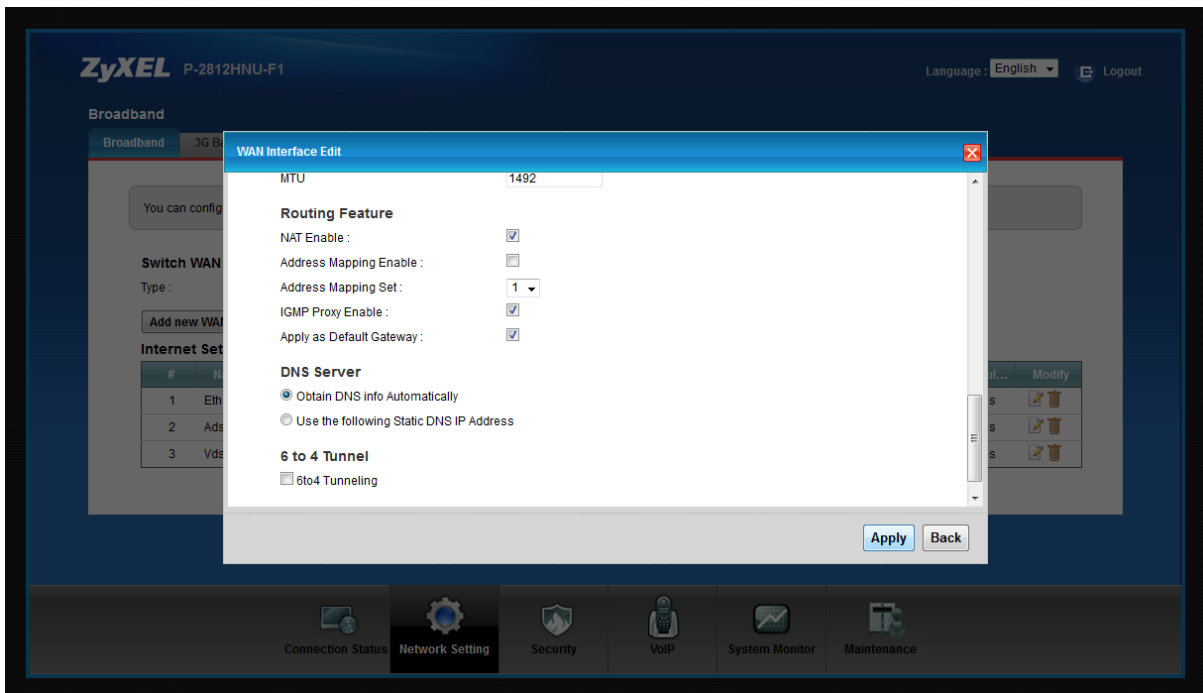
- Click on Edit AdslWAN interface (click on the paper icon on the right hand side under the Modify heading)



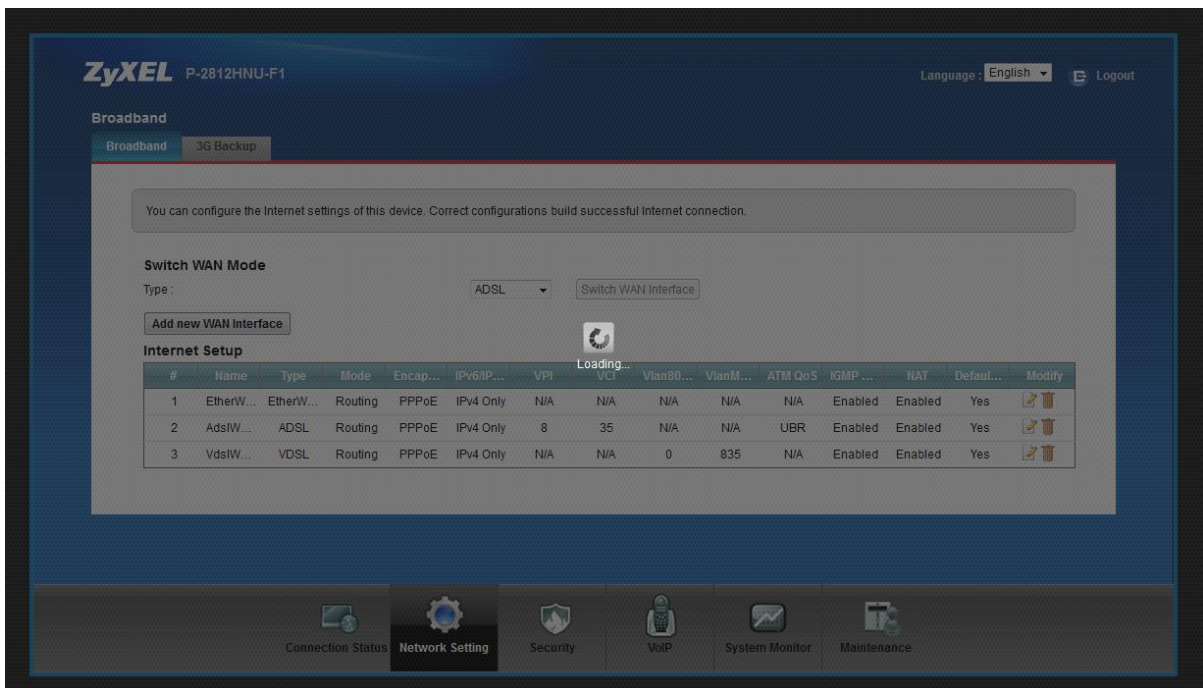
- On the WAN Interface Edit page, scroll down to the PPP Information section



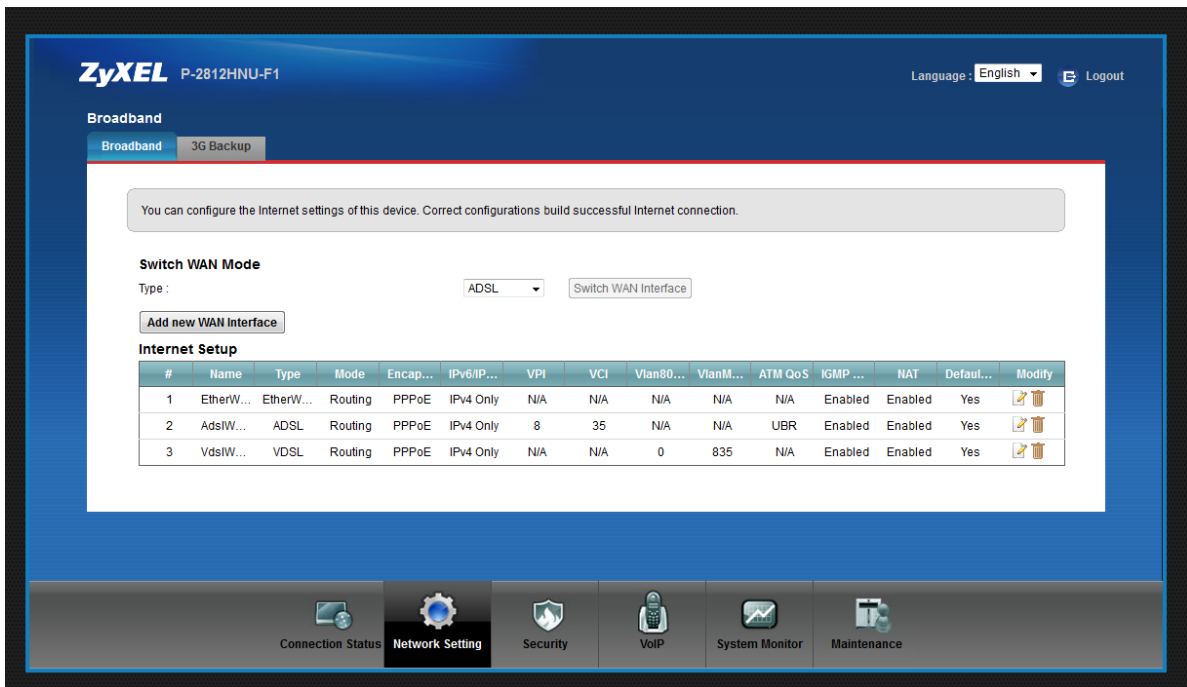
- On the PPP Information section, enter your PPPoE Username and PPPoE Password (PPPoE account details provided by your ISP)



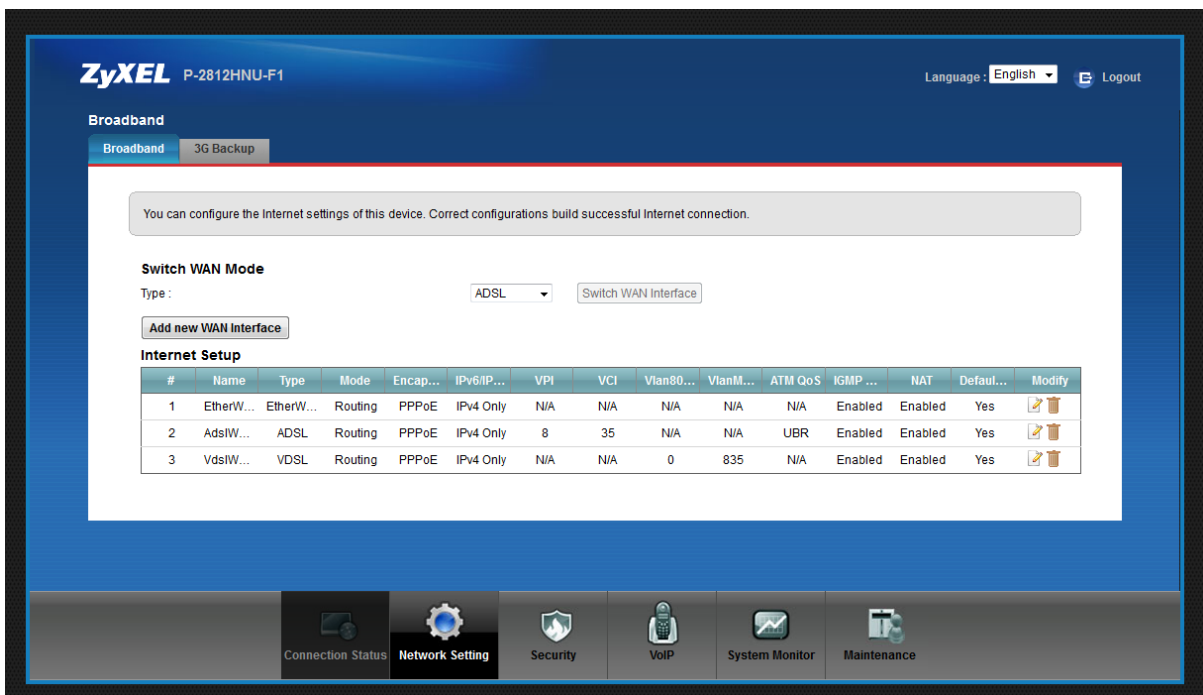
- Scroll down and click on Apply once the PPPoE details has been entered



- P-2812HNU-F1 applying the PPPoE details that was entered



- PPPoE details has been applied to the P-2812HNU-F1



- Click on the Connection Status tab



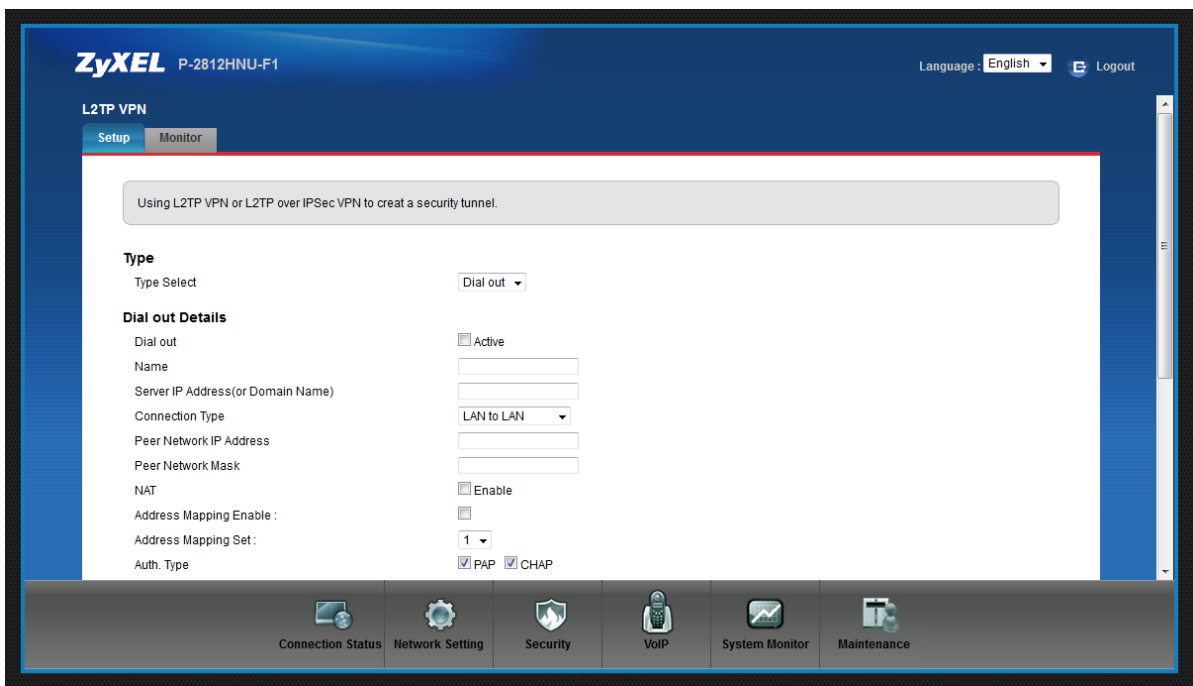
- PPPoE details has been correctly entered, the diagram show that an internet connection is up (the internet line changed from red to green)



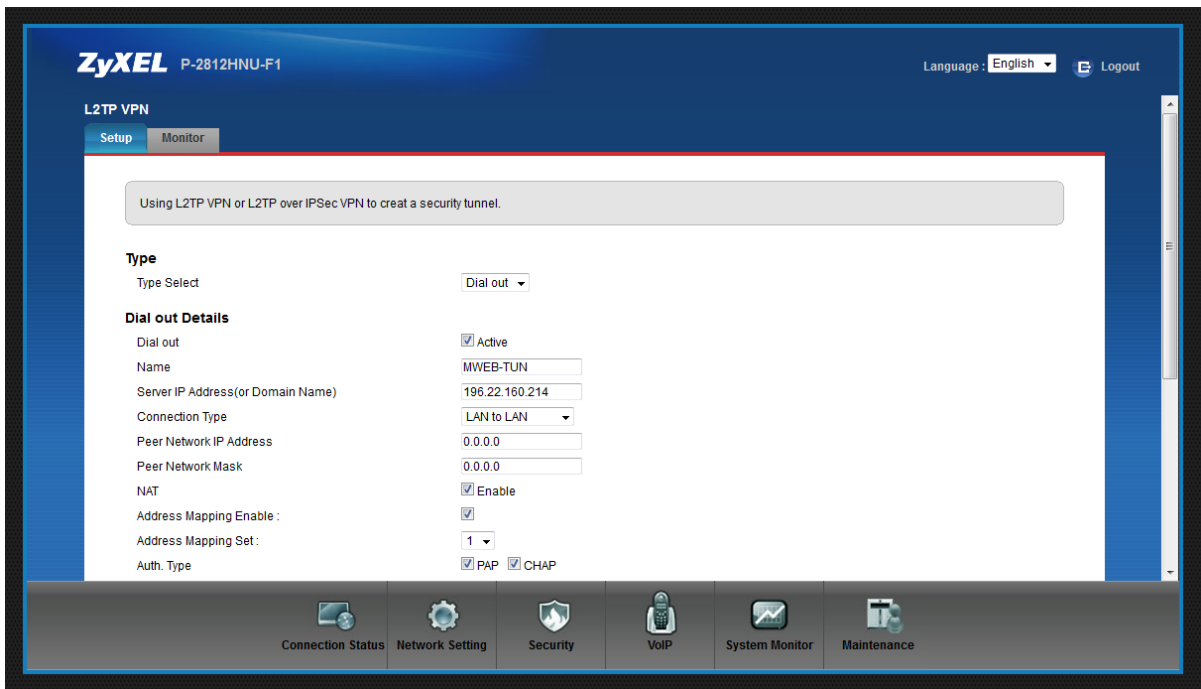
- Mouse over the Security tab



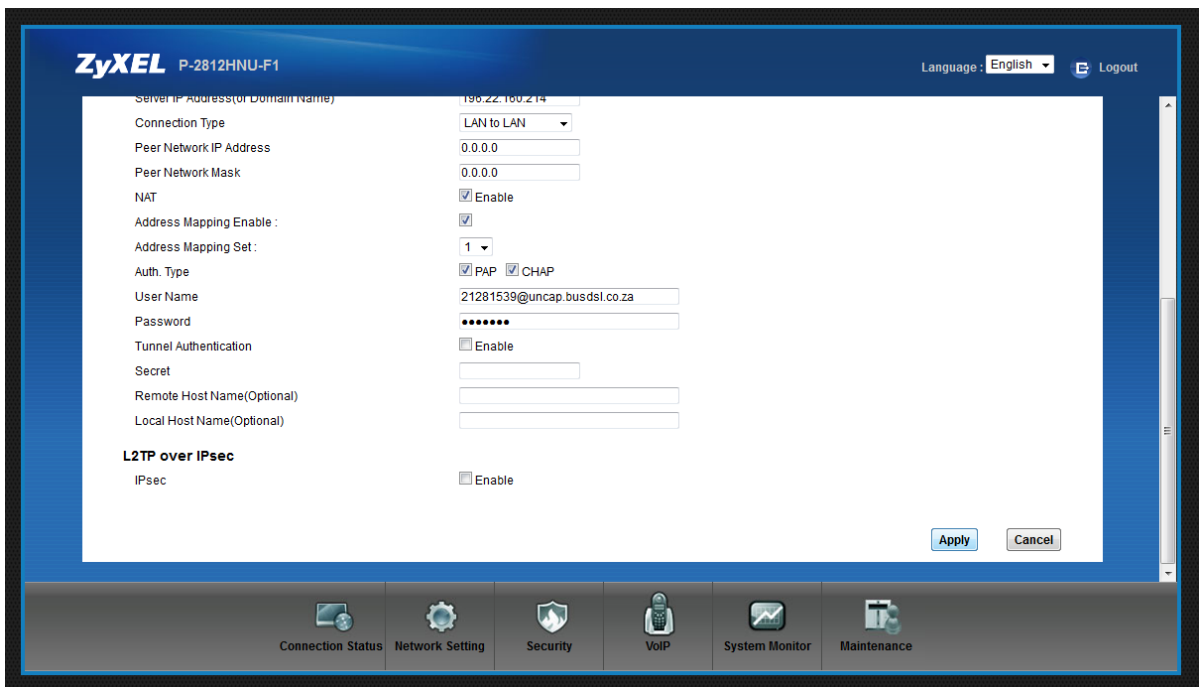
- Click on L2TP VPN



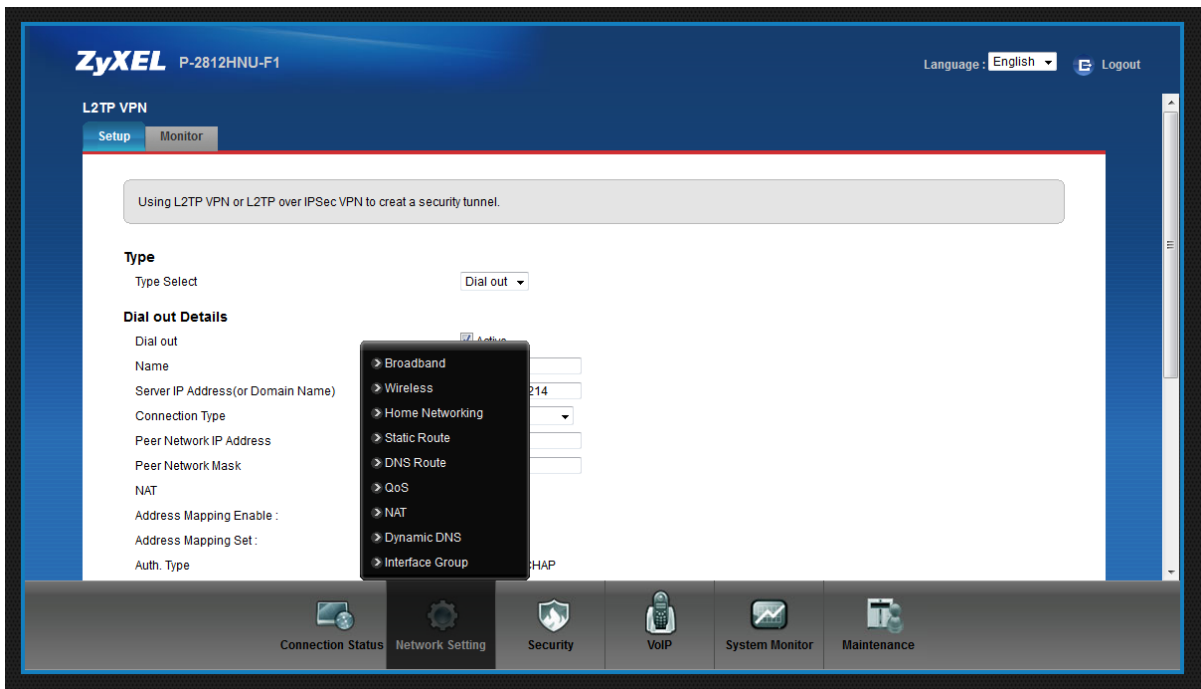
- L2TP VPN setup page



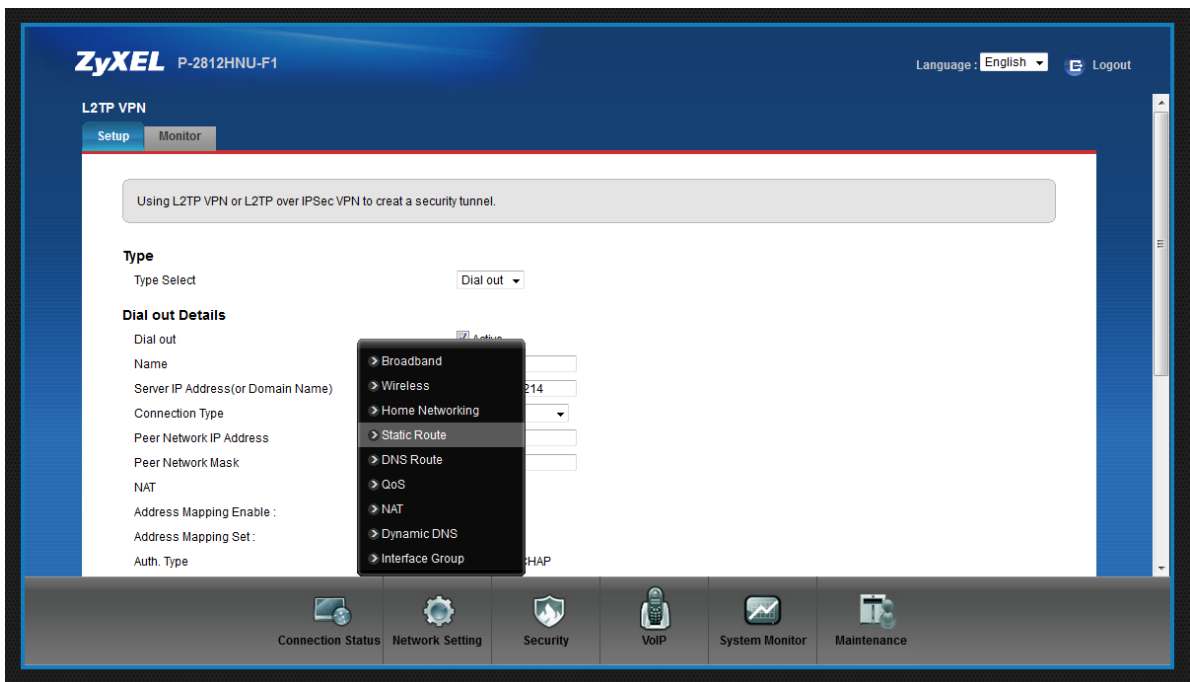
- Always use Dial out with Connection Type set to LAN-LAN
- NAT must be Enabled
- Address Mapping must be Enabled
- Address Mapping Set must be set to 1



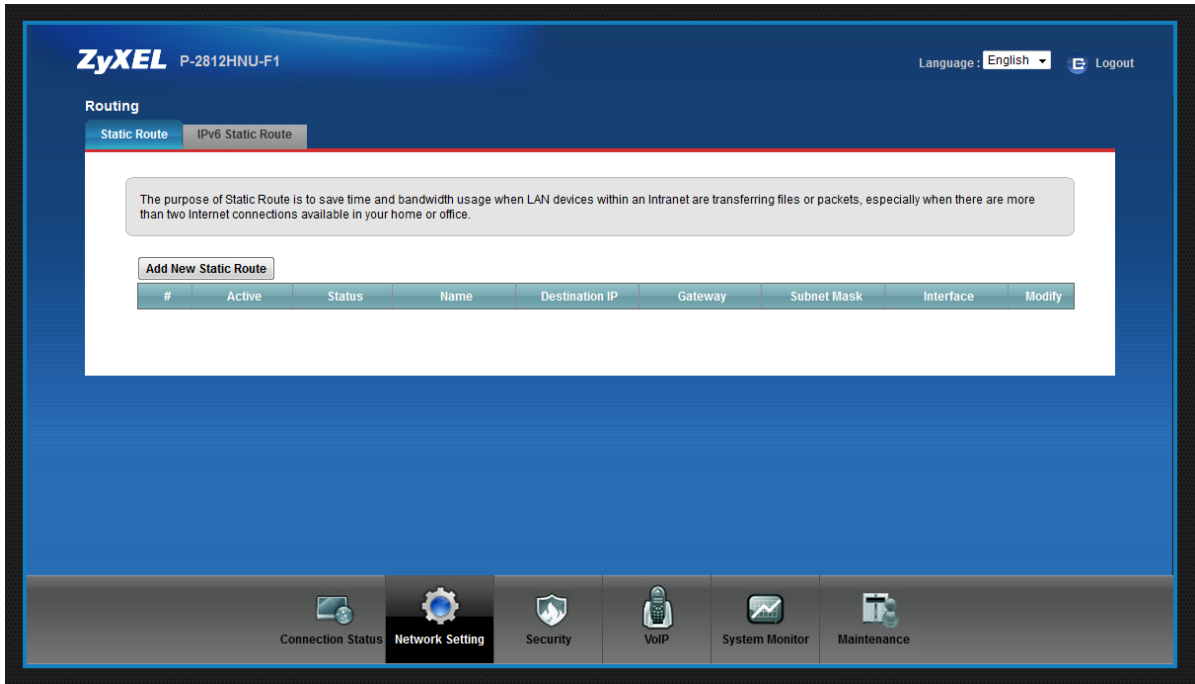
- Once all the L2TP details have been entered (L2TP details provided by your ISP), click on Apply



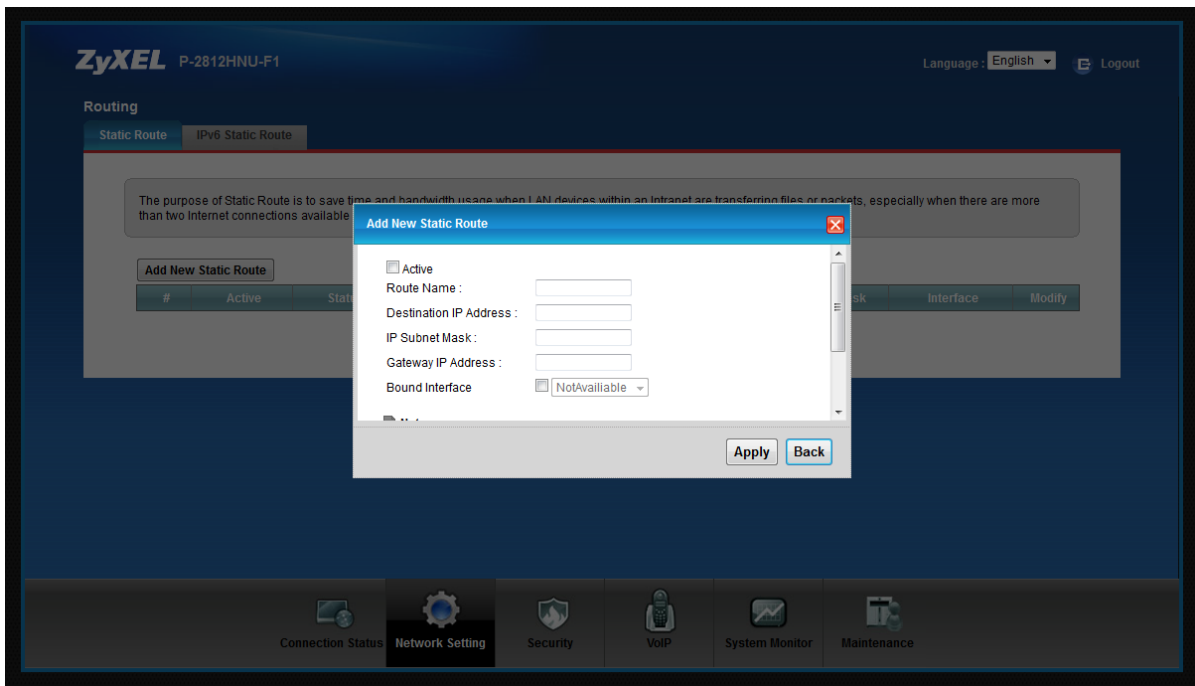
- Mouse over the Network Setting tab



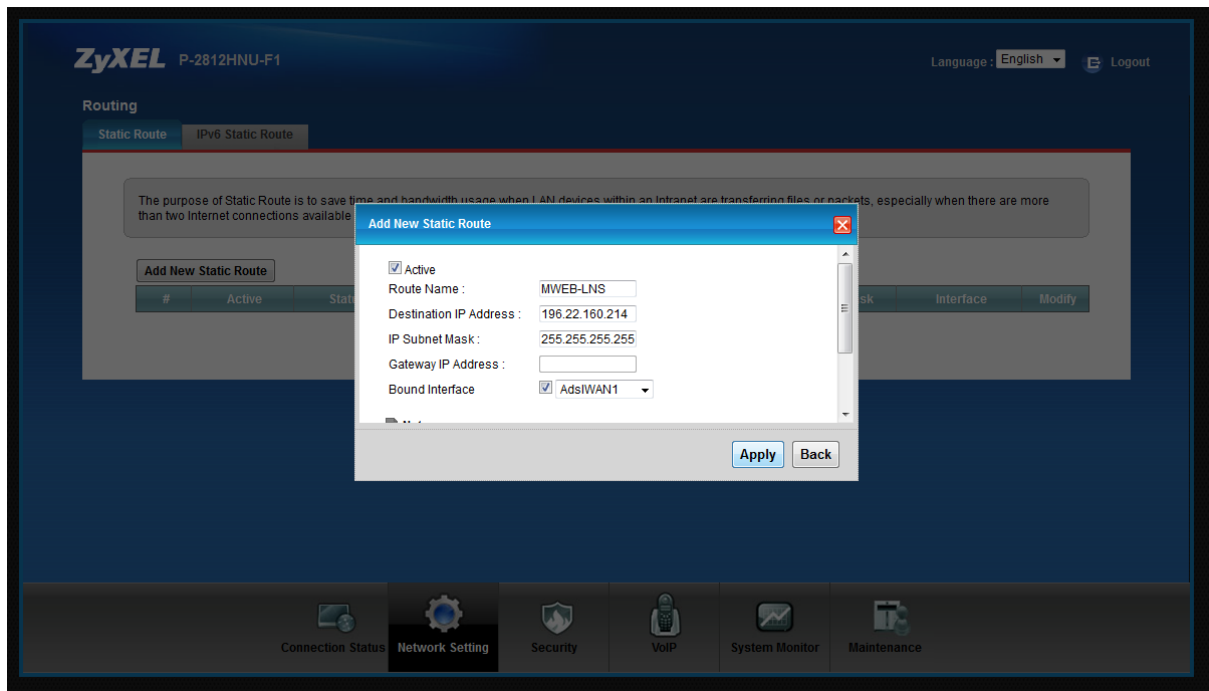
- Click on Static Route



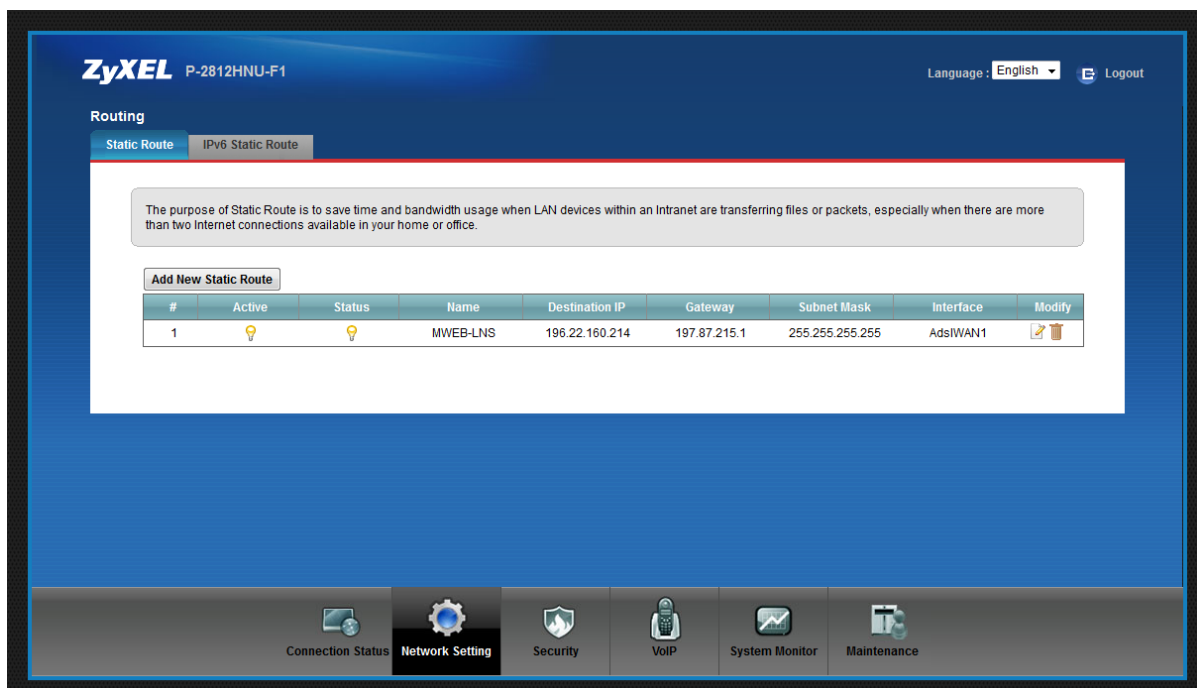
- Click on Add New Static Route



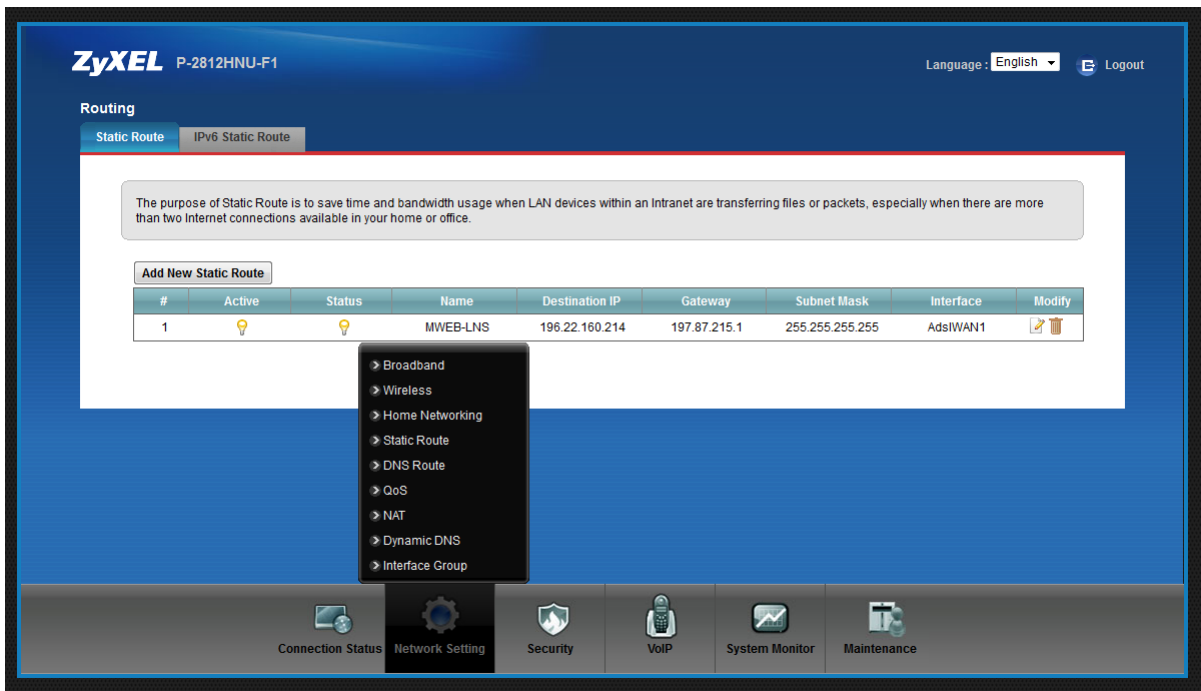
- Add New Static Route page



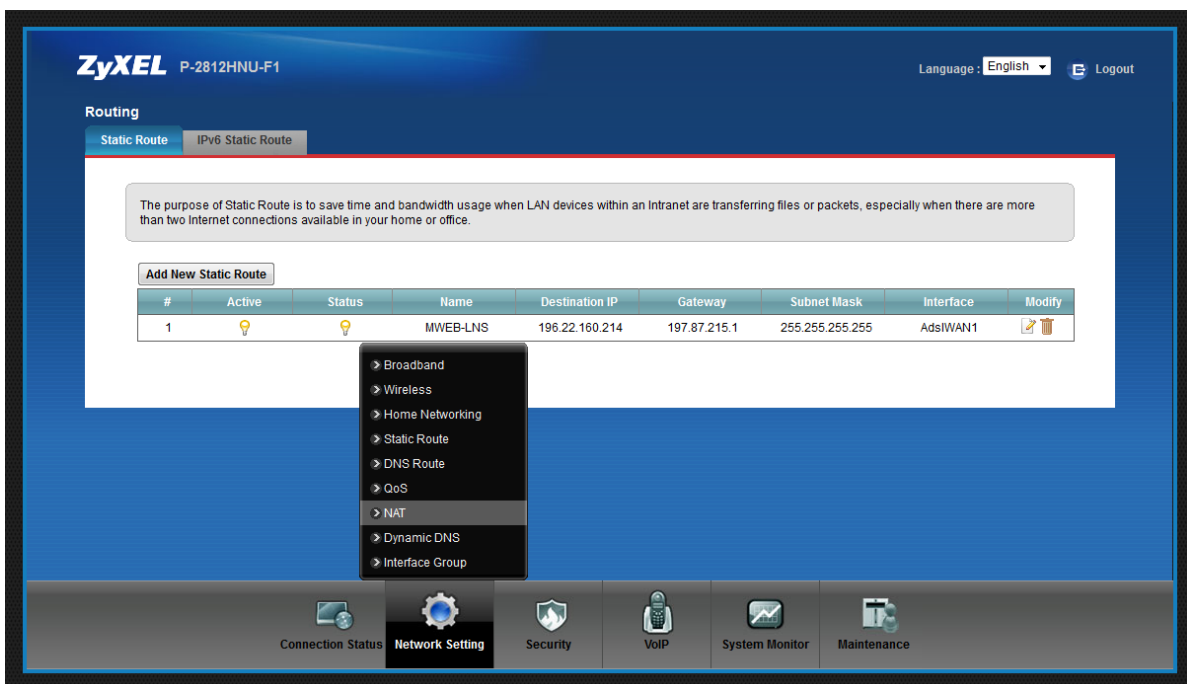
- Active should be checked to enable this route
- Give the route a descriptive name
- Enter Destination IP Address, IP Subnet Mask and Gateway IP Address (if applicable) provided by your ISP
- Bound the LNS IP address over the AdslWAN1 interface (your ISP will provide you with the required information)
- Click on Apply



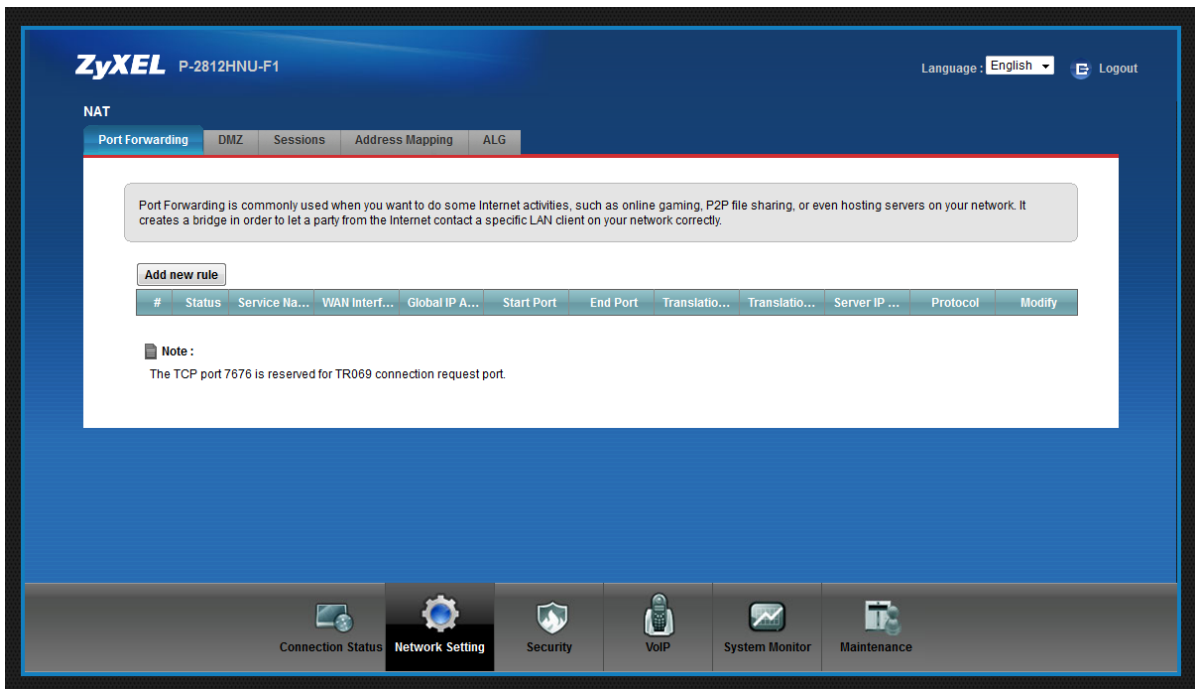
- Static Route rule has been created



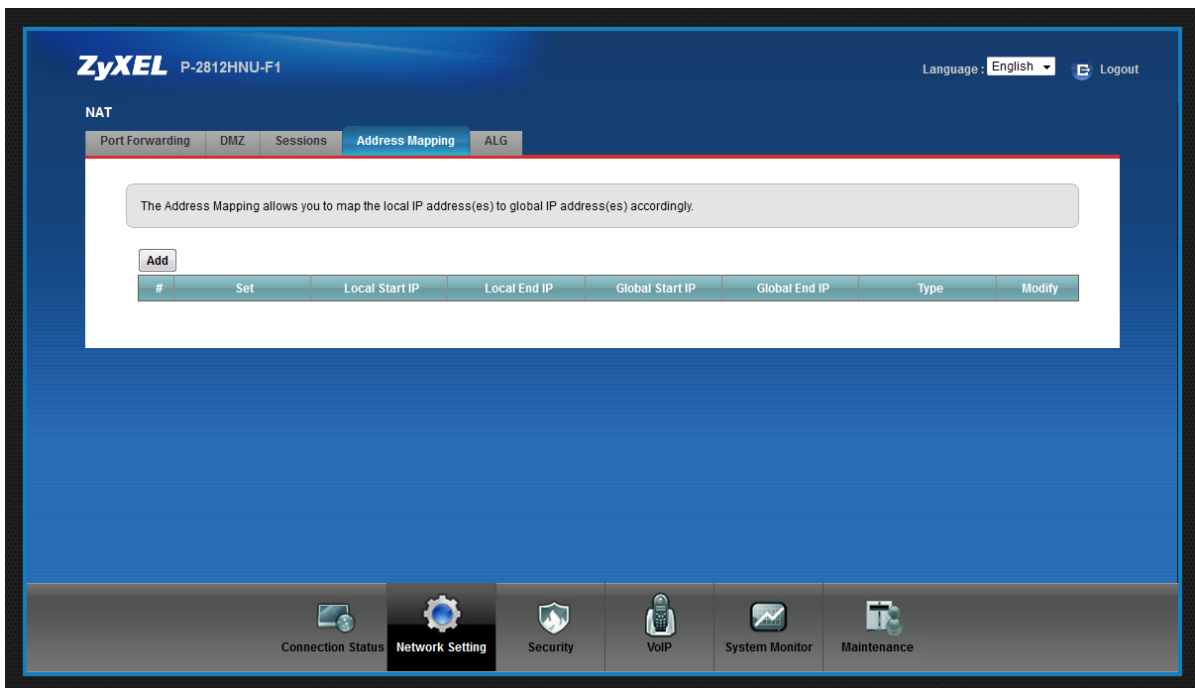
- Mouse over the Network Setting tab



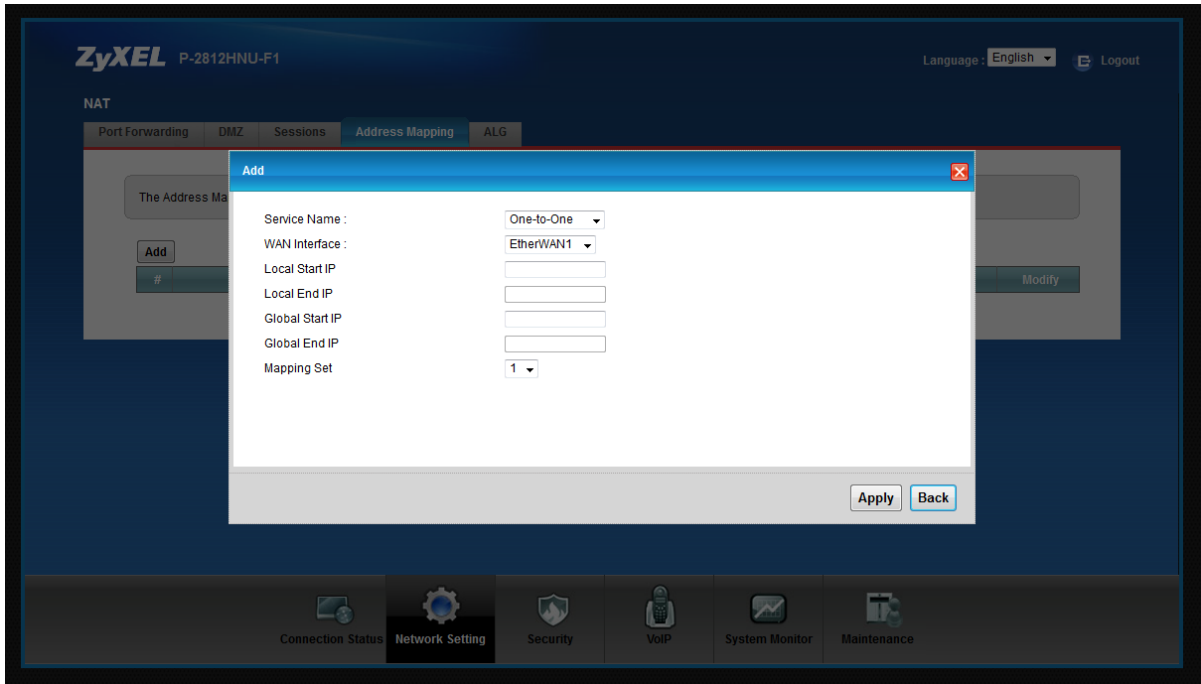
- Click on NAT



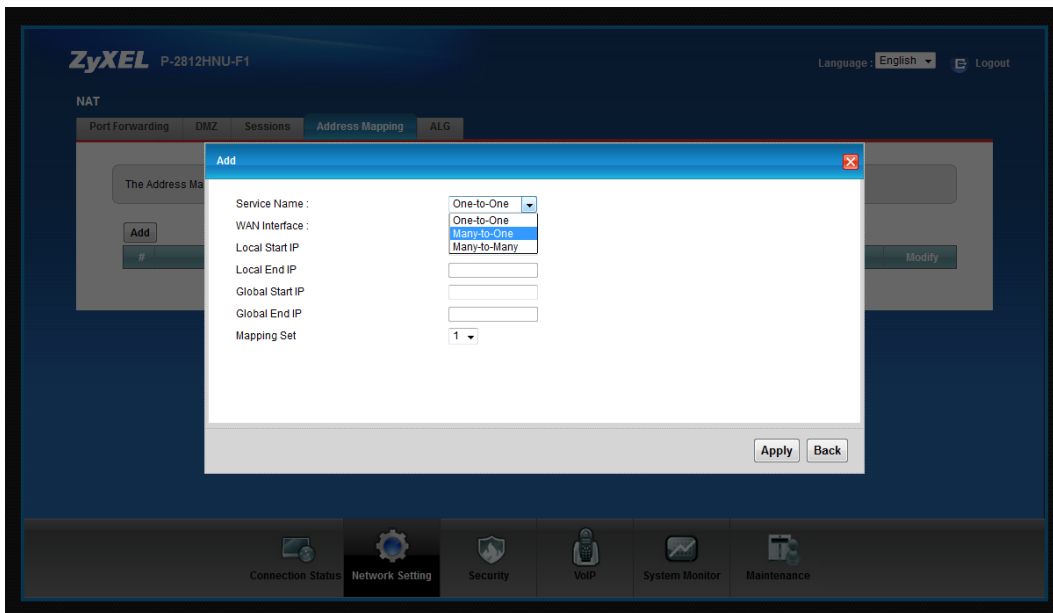
- On the NAT page, click on the Address Mapping tab



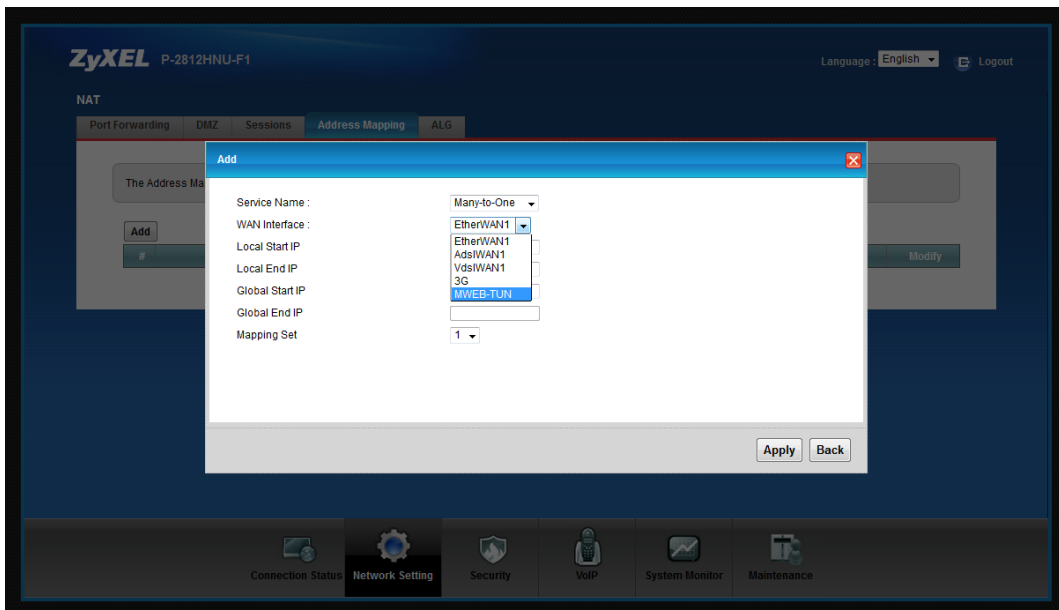
- On the Address Mapping tab, click on the Add button



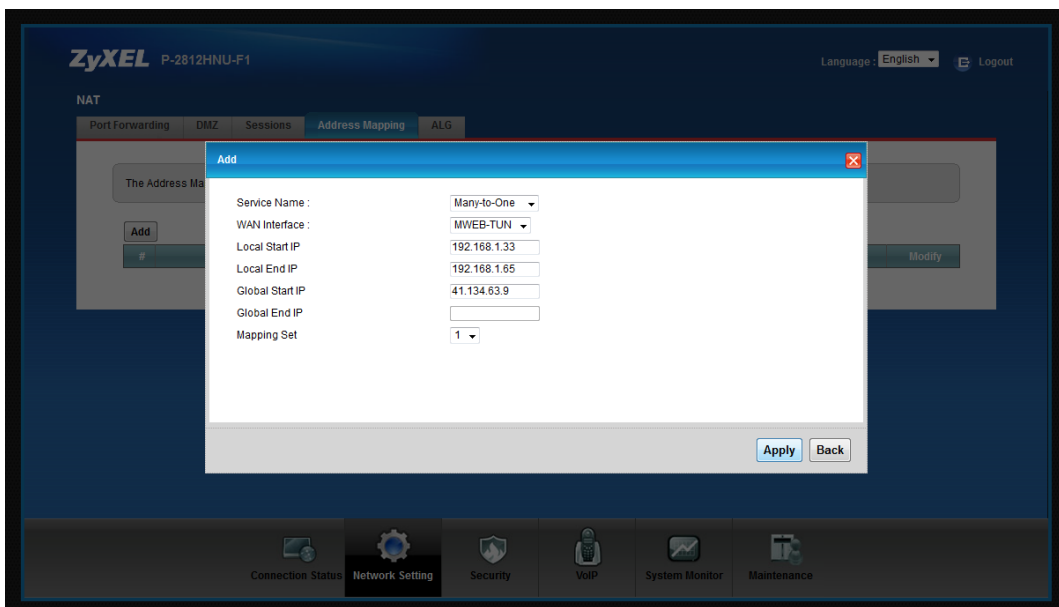
- Add Address Mapping rule page



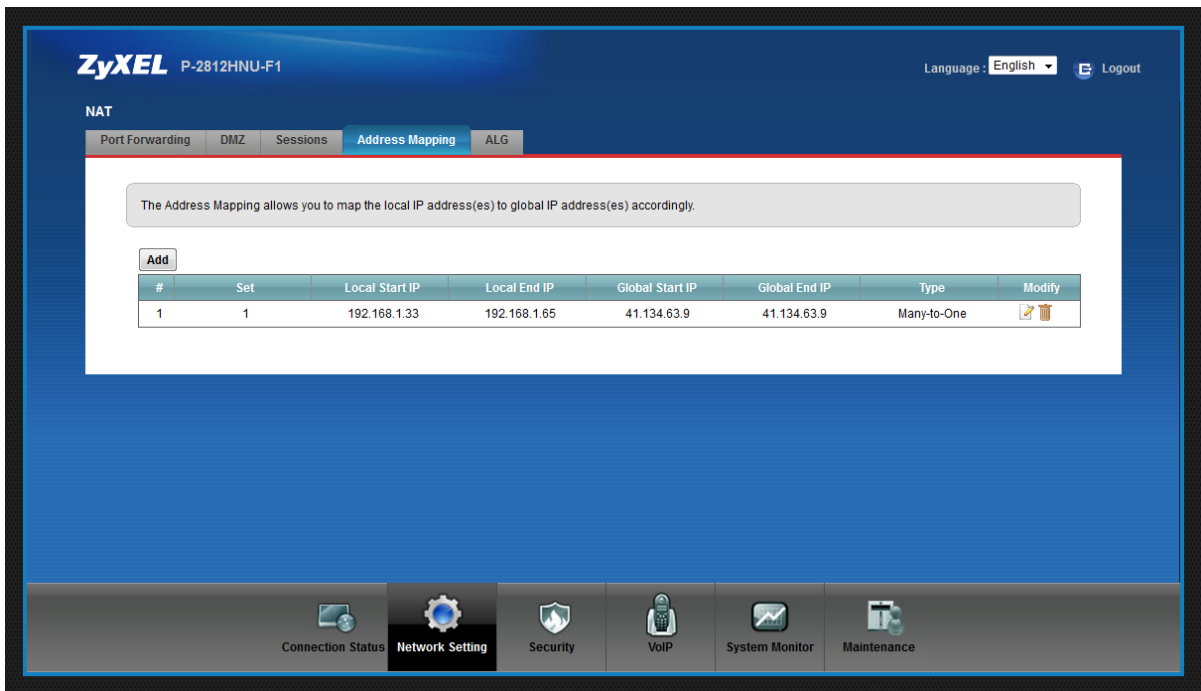
- At the Service Name, click on the drop down list and select Many-to-One (Many-to-One allows for more than one private IP address internet breakout via the L2TP Tunnel interface)



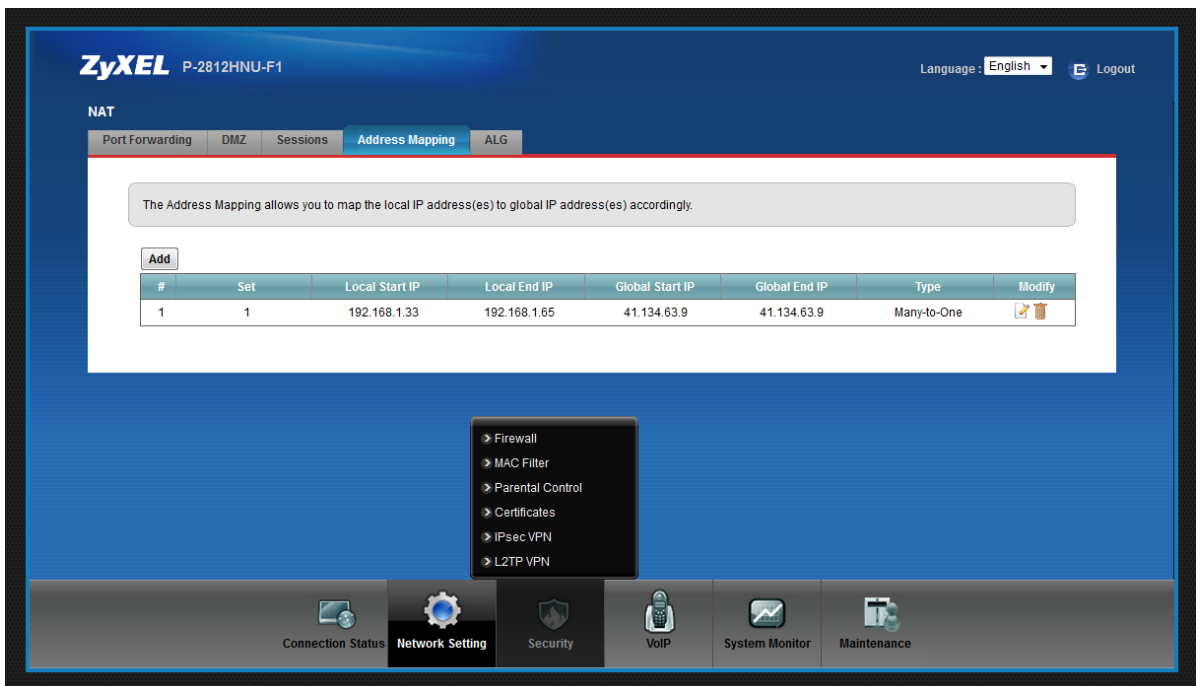
- At the WAN Interface, select the newly created L2TP Tunnel



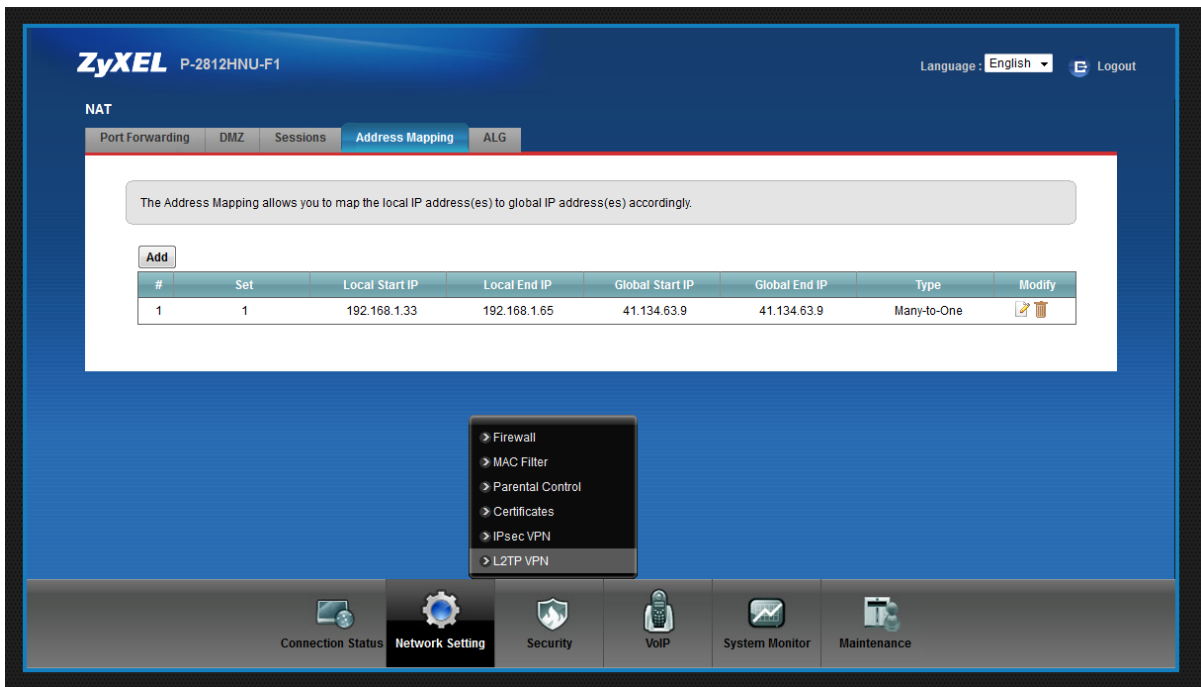
- Setup an Address Mapping rule (NAT rule that NAT's the private IP to a global pool IP), as the L2TP client side IP is not routable. This rule will allow breakout to the internet via the L2TP tunnel (L2TP is setup as default route).
- Local Start IP and Local End IP – specify the DHCP pool.
- Global Start IP (use the 1st available global pool IP). Your ISP will provide you with the global pool IP.
- Click on Apply



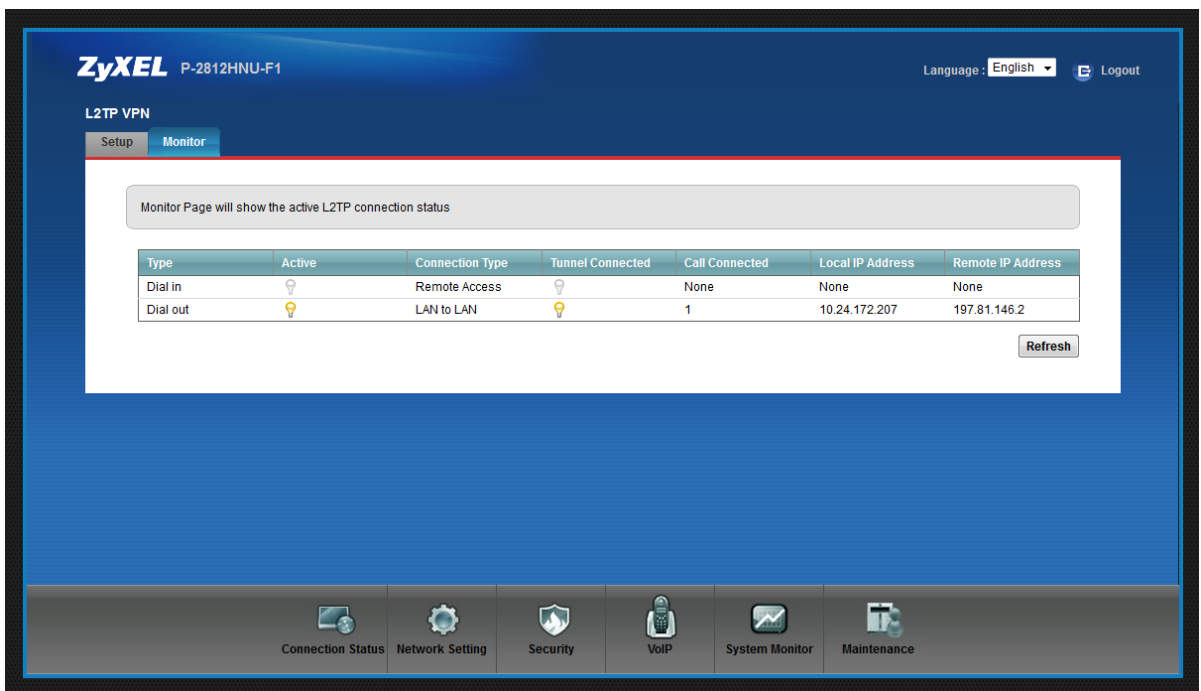
- Address Mapping rule has been created



- Mouse over the Security tab



- Click on L2TP VPN



- Click on the Monitor tab; this will indicate the status of the L2TP tunnel.