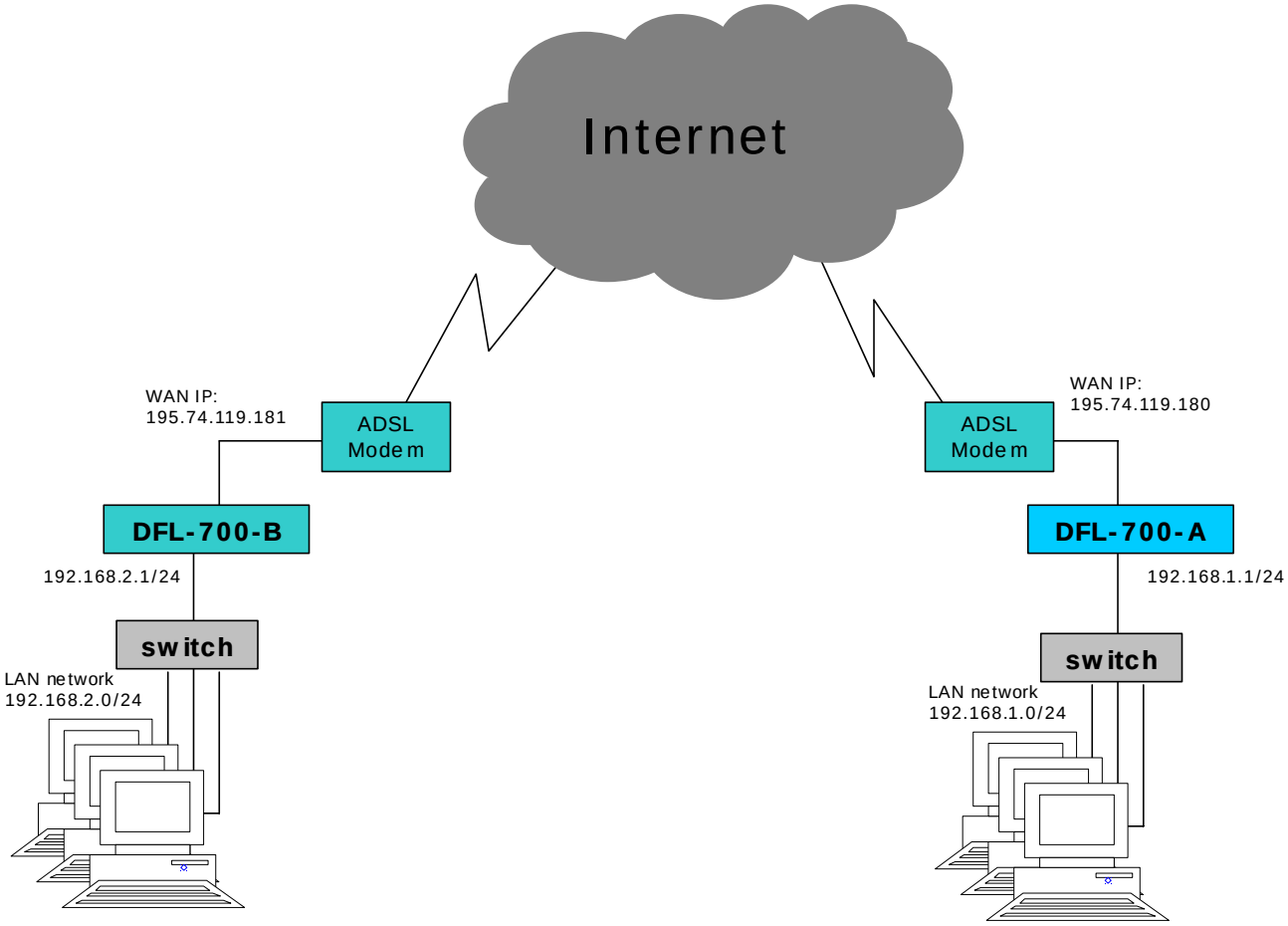
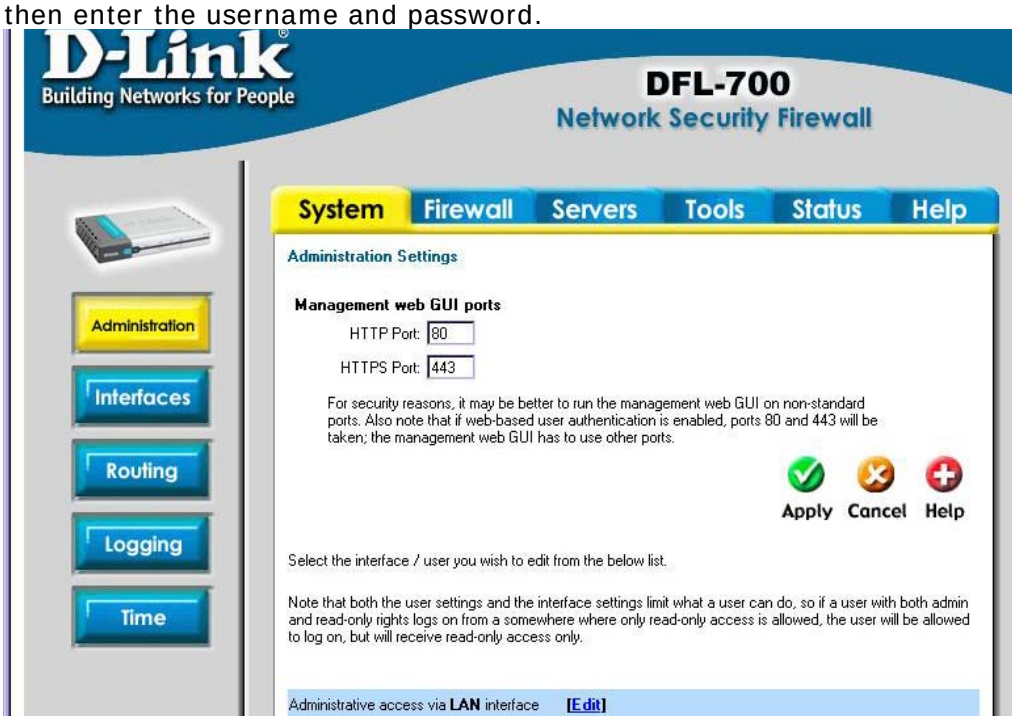
DFL-700 with DFL-700 IPsec VPN Configuration Guide

This configuration shows how to connect a DFL-700 to another DFL-700 with an IPsec tunnel. Please check the D-Link AUS FTP Site at ftp://202.129.109.68 for updates on the firmware.

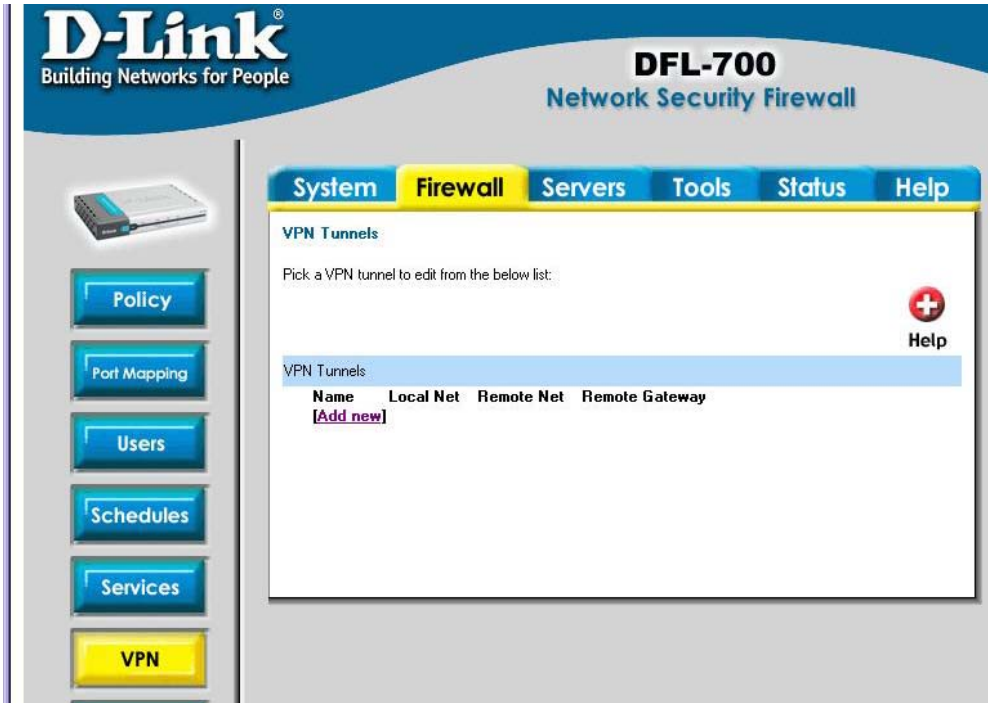


DFL-700-A configuration

1) Log into the DFL-700 using its IP address (https://192.168.1.1 in this example) and then enter the username and password.



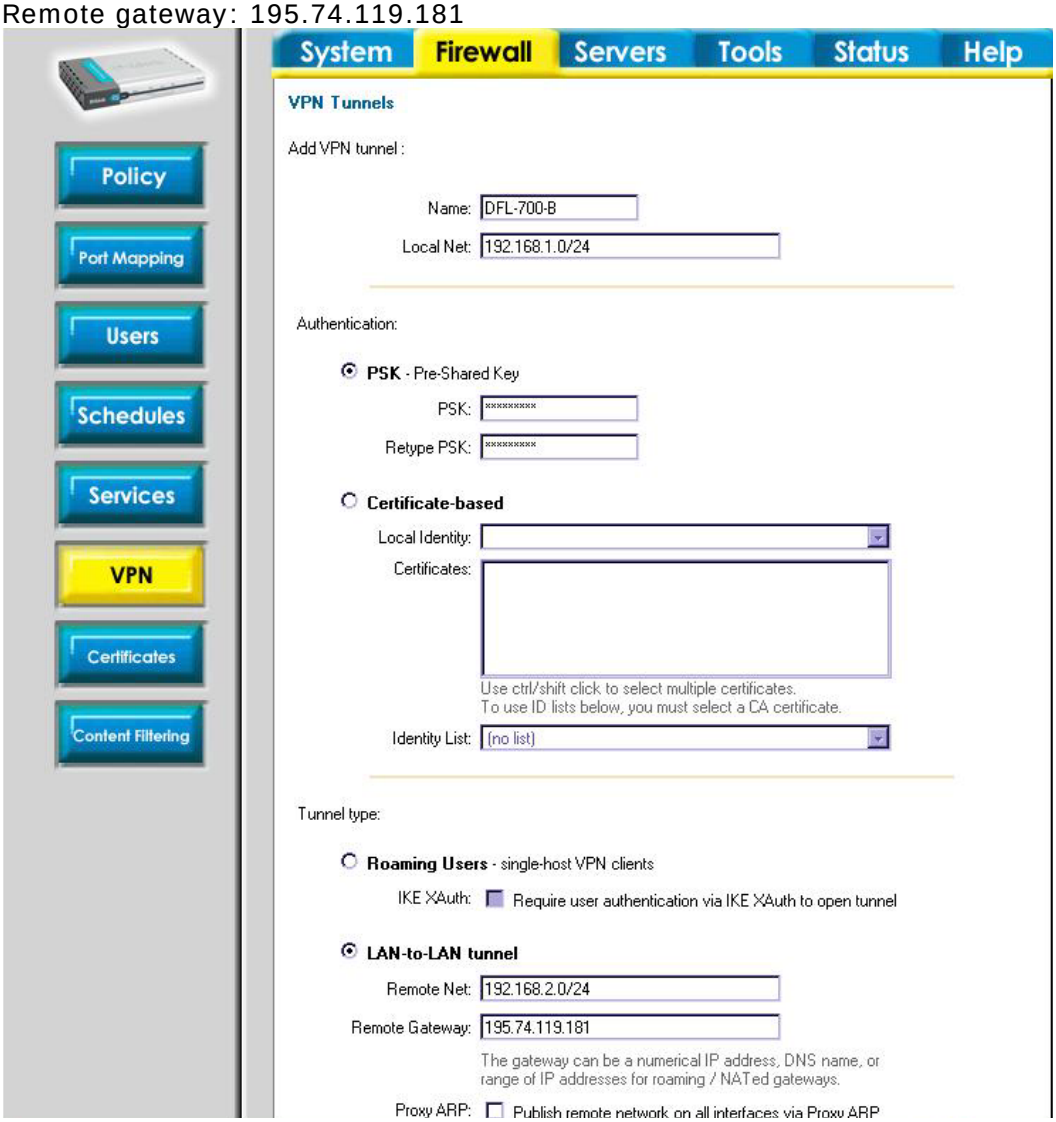
2) Click on **Firewall→ VPN**. Click on **Add New**.



3) Enter the details for the Tunnel.

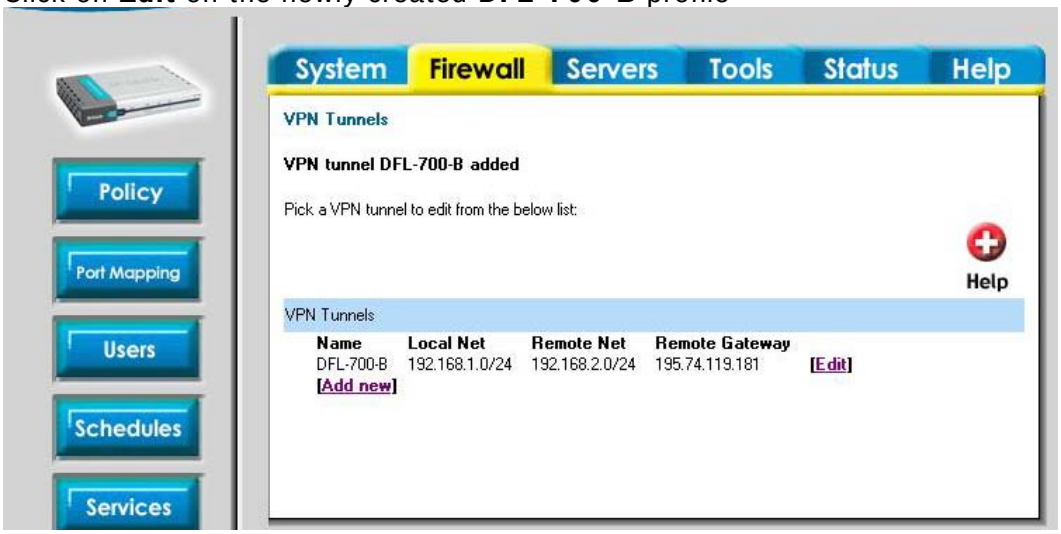
Name: DFL-700-B
Local Net: 192.168.1.0/24
Authentication: PSK
Pre-shared key: dlinktest
LAN-to-LAN tunnel

Remote net: 192.168.2.0/24
Remote gateway: 195.74.119.181

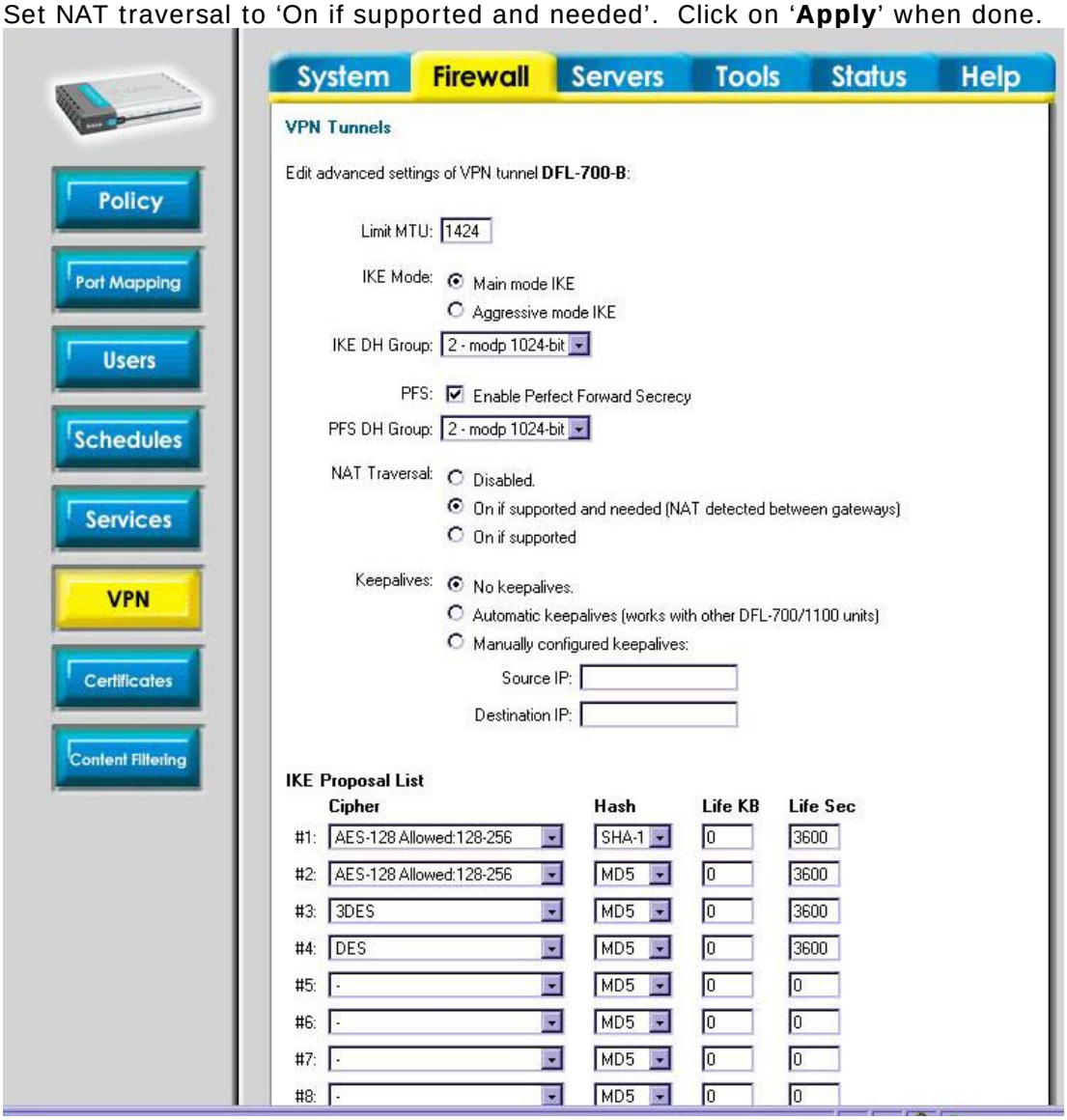


Click on **Apply** when done

4) Click on **Edit** on the newly created **DFL-700-B** profile

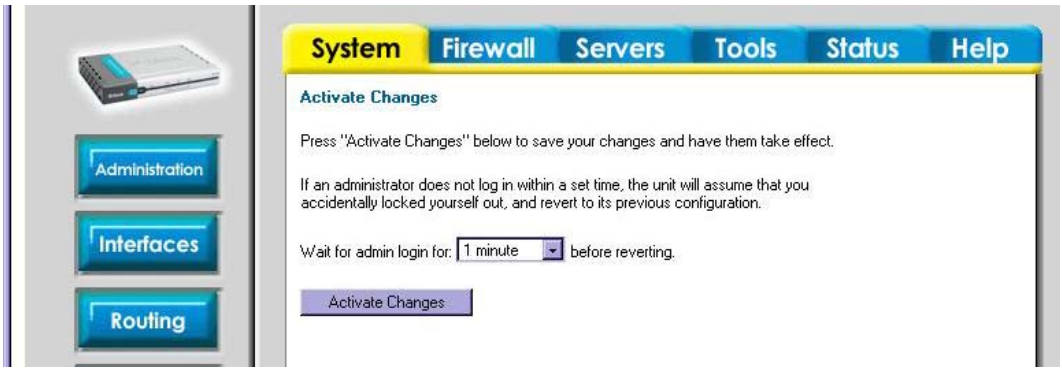


5) Click on **Advanced**. Set IKE mode to 'Main Mode' (default), IKE DH Group '2 – modp 1024-bit' (default). Check the PFS option. Set the PFS DH Group to '2-modp 1024-bit'. Set NAT traversal to 'On if supported and needed'. Click on '**Apply**' when done.



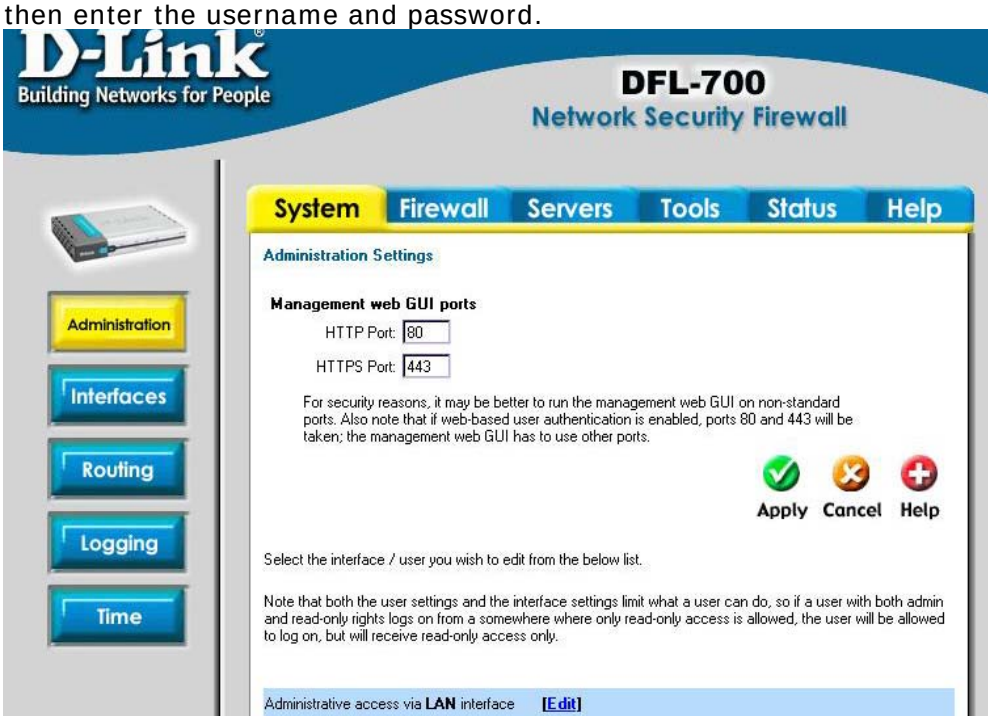
6) Click on '**Activate**' on the bottom left hand corner of the screen.

7) Click on the '**Activate Changes**' button.

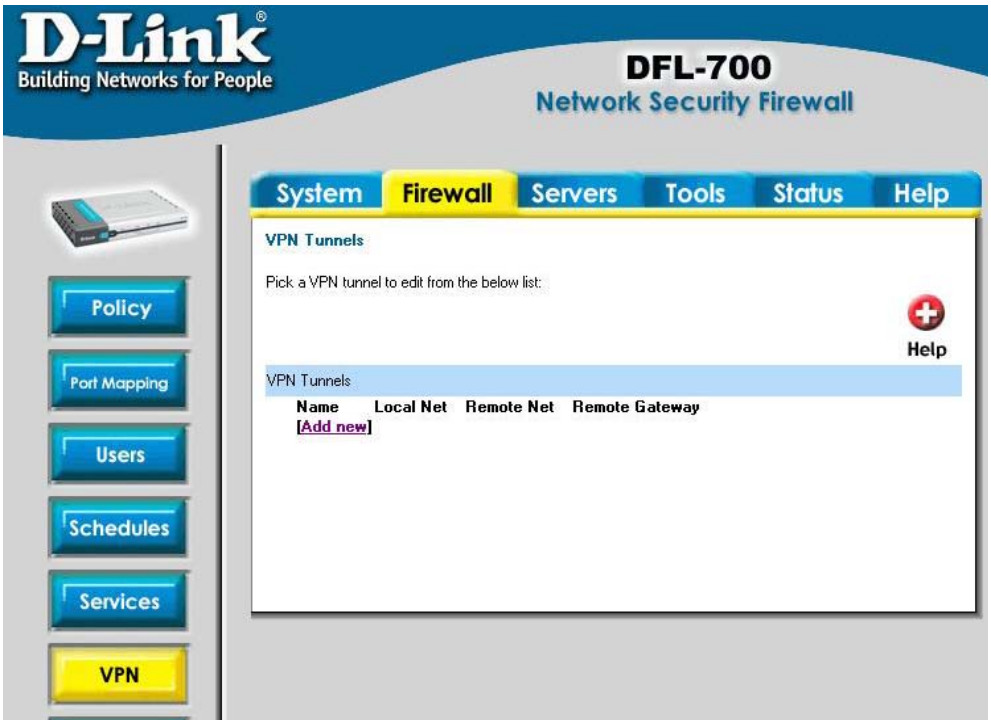


DFL-700-B configuration

1) Log into the DFL-700 using its IP address (https://192.168.2.1 in this example) and then enter the username and password.

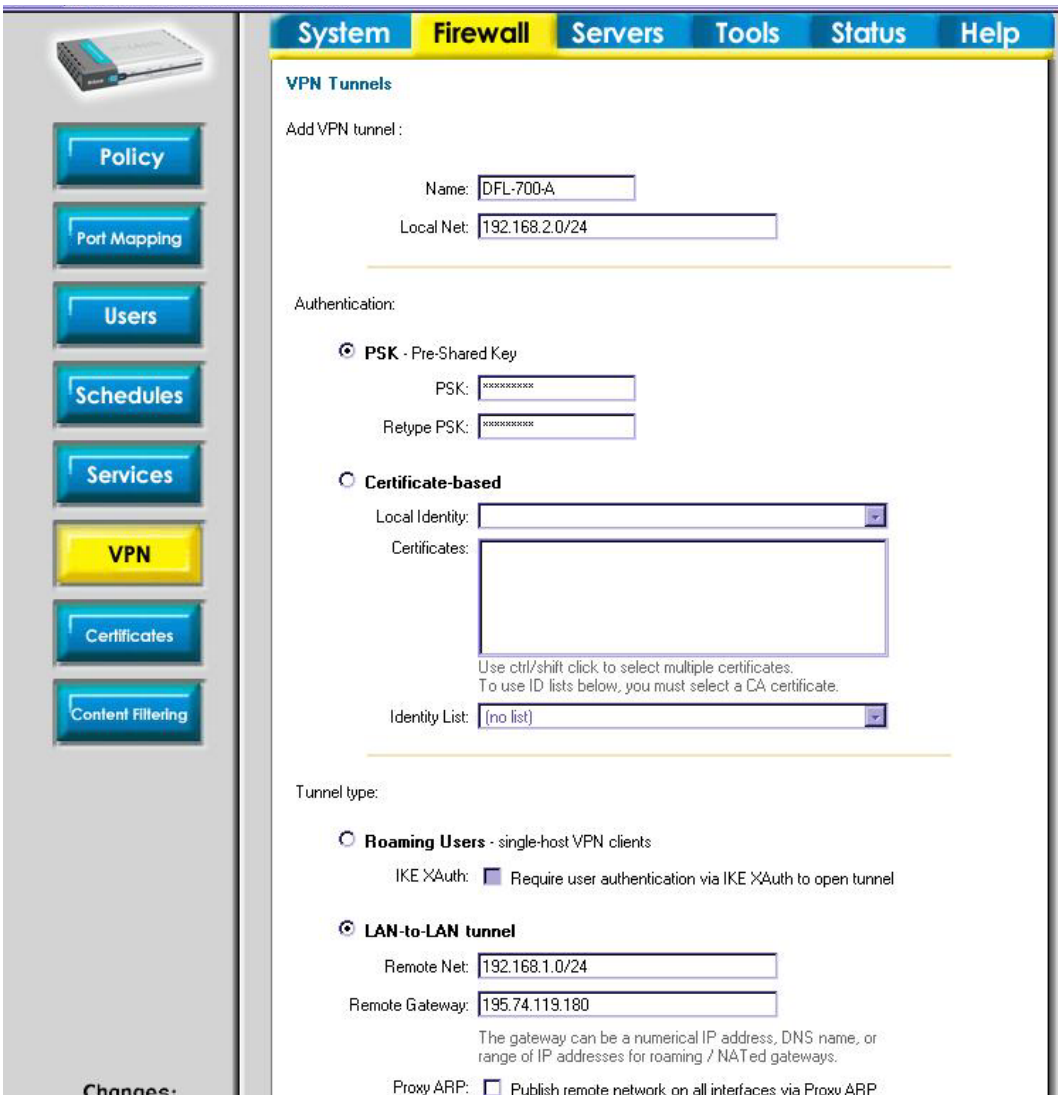


2) Click on **Firewall→ VPN**. Click on **Add New**.



3) Enter the details for the Tunnel.

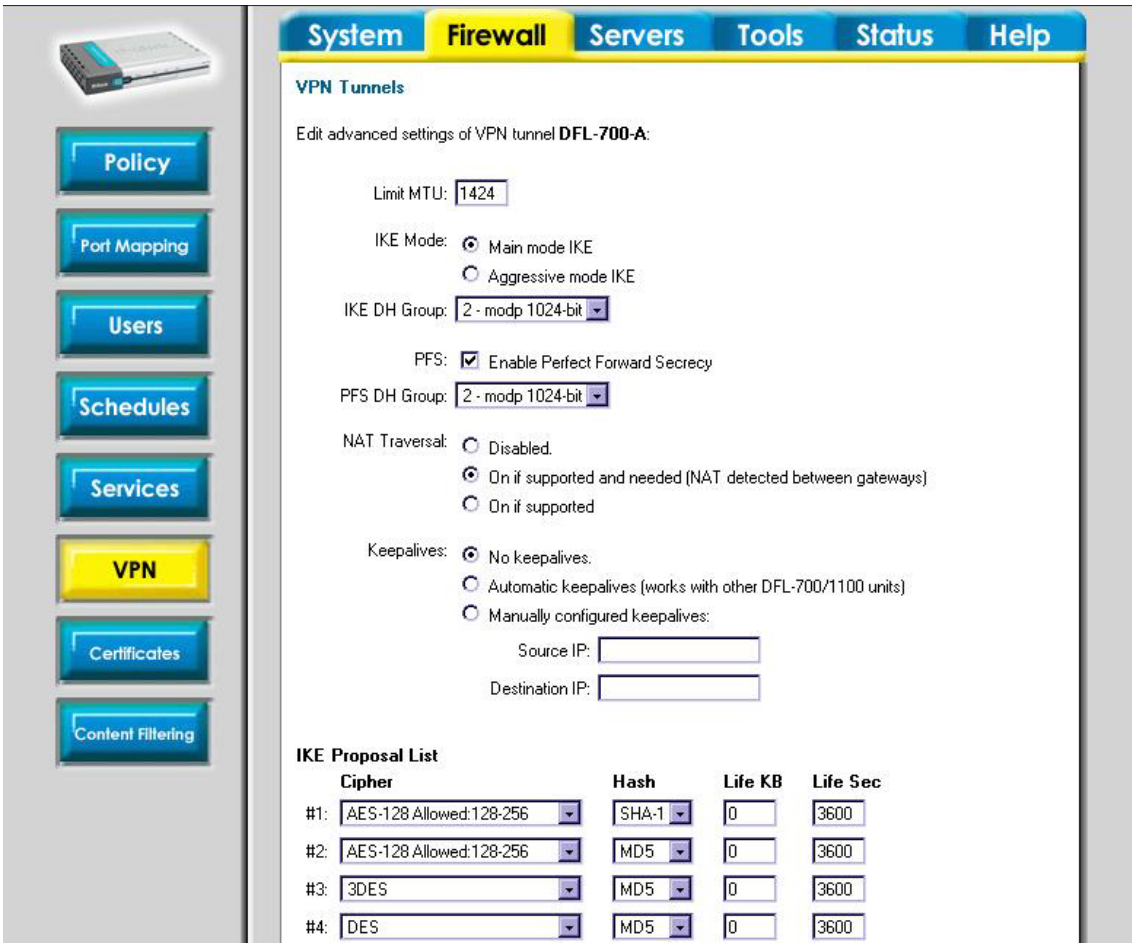
Name: DFL-700-A
Local Net: 192.168.2.0/24
Authentication: PSK
Pre-shared key: dlinktest
LAN-to-LAN tunnel
Remote net: 192.168.1.0/24
Remote gateway: 195.74.119.180



Click on **Apply** when done.

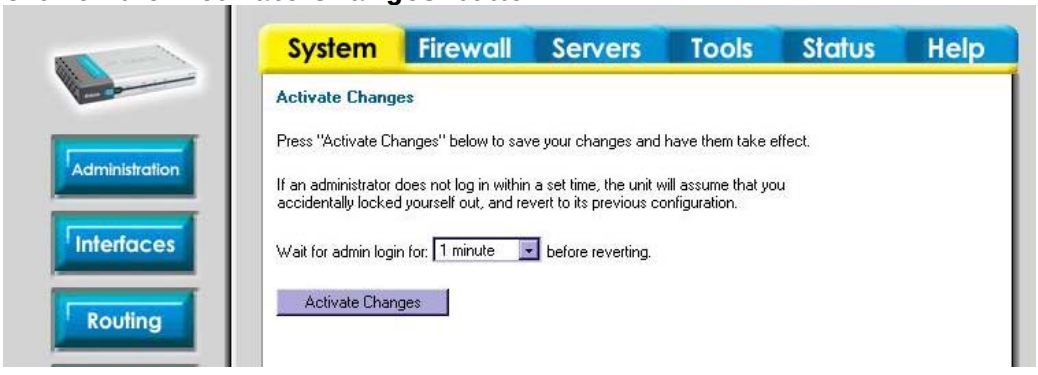
4) Click on **Edit** on the newly created **DFL-700-A** profile

5) Click on **Advanced**. Set IKE mode to 'Main Mode' (default), IKE DH Group '2 – modp 1024-bit' (default). Check the PFS option. Set the PFS DH Group to '2-modp 1024-bit'. Set NAT traversal to 'On if supported and needed'. Click on '**Apply**' when done.



6) Click on '**Activate**' on the bottom left hand corner of the screen.

7) Click on the '**Activate Changes**' button.



Testing the connection

From the DFL-700-A side, you can initiate a ping to a machine on the LAN side of the DFL-700-B (i.e. 192.168.2.10). The tunnel should then be generated and then you should get a response as shown below.