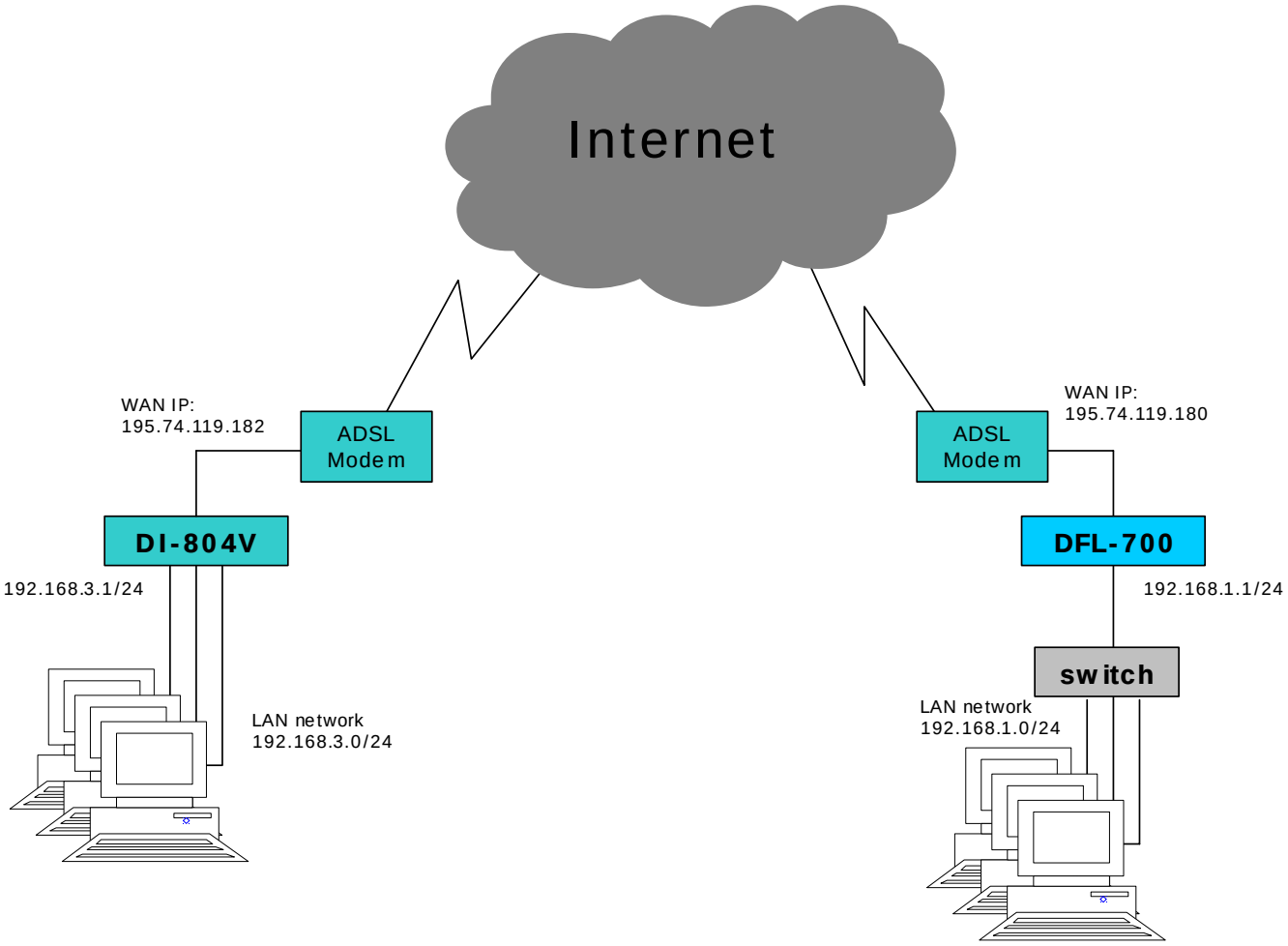
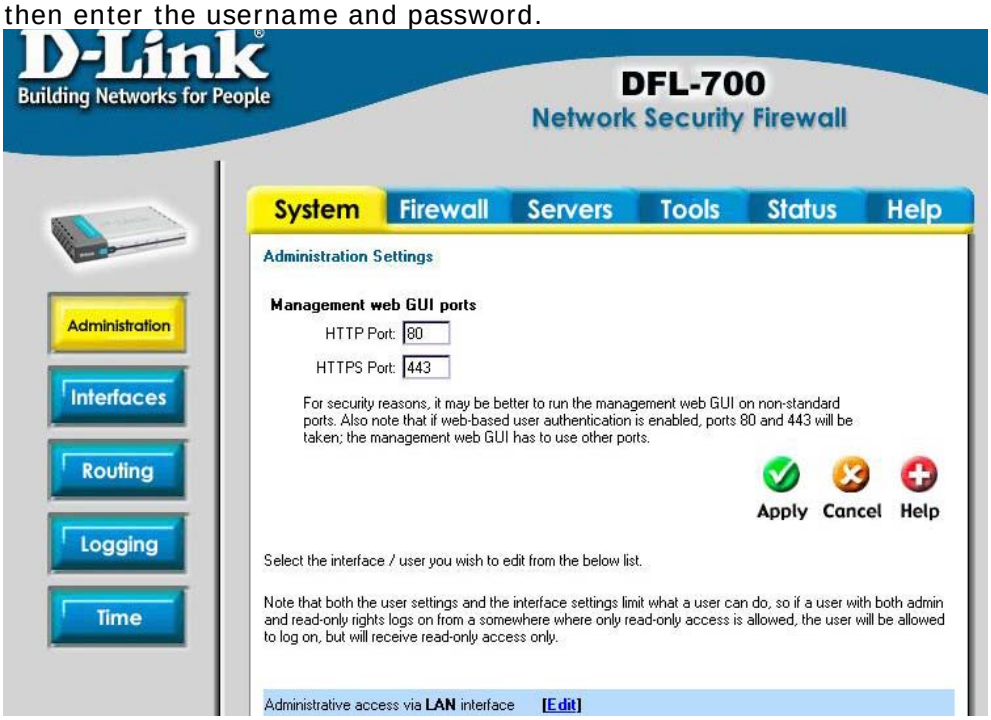
DFL-700 with DI-804V IPsec VPN Configuration Guide

This configuration shows how to connect a DFL-700 to a DI-804V with an IPsec tunnel.
Please check the D-Link AUS FTP Site at ftp://202.129.109.68 for updates on the firmware.

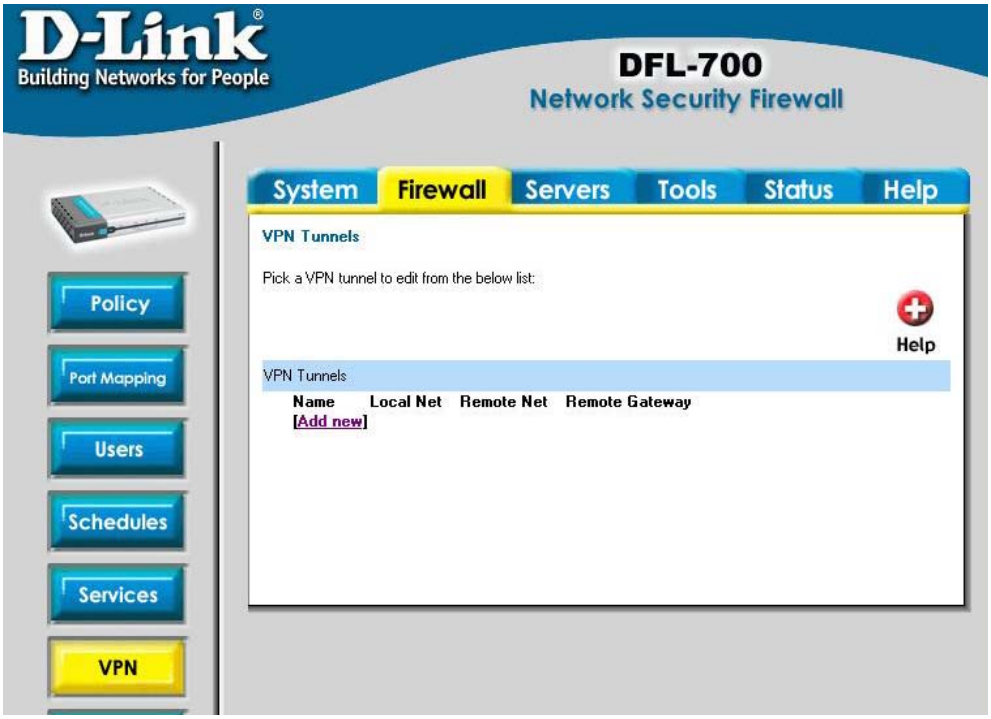


DFL-700 configuration

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.



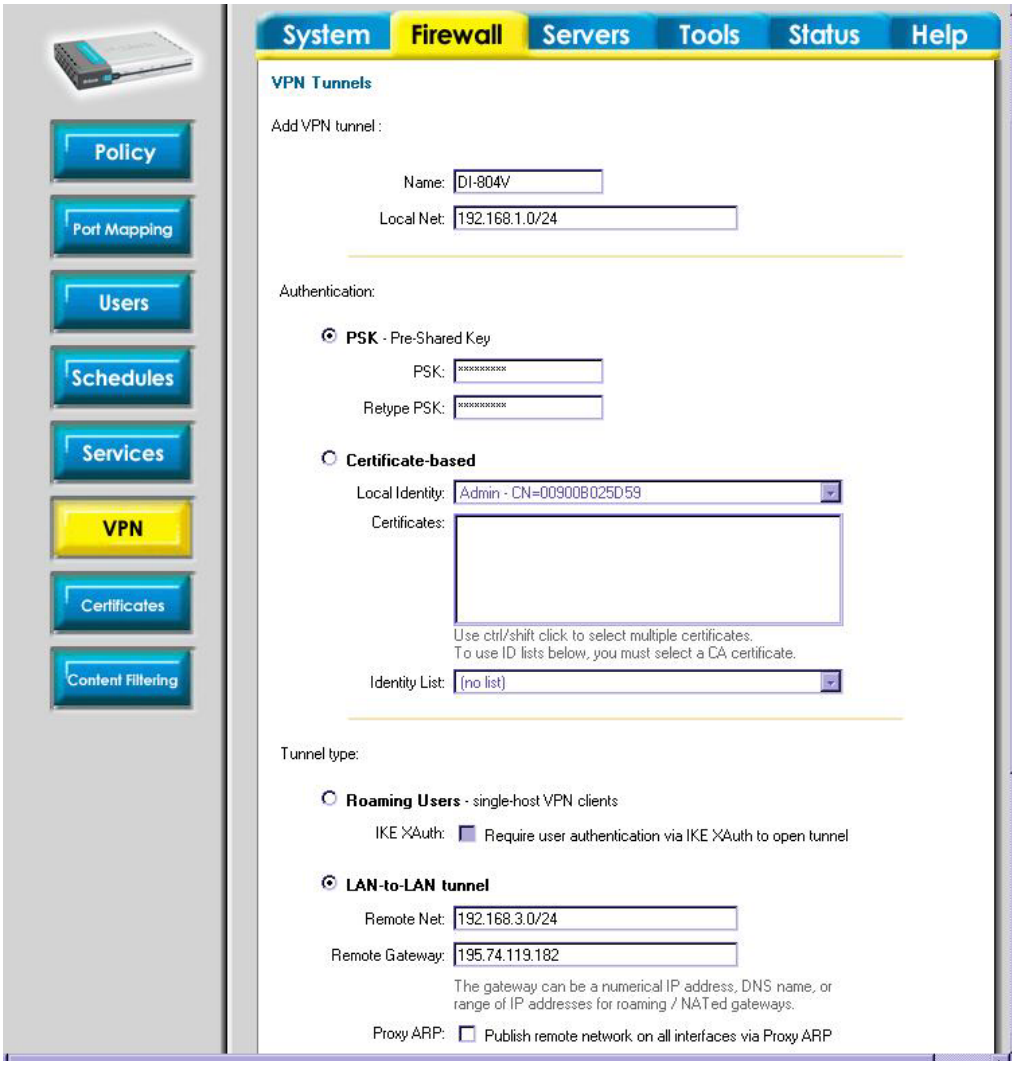
2) Click on **Firewall→ VPN**. Click on **Add New**.



3) Enter the details for the Tunnel.

Name: DI-804V
Local Net: 192.168.1.0/24
Authentication: PSK – Pre-Shared Key
Pre-shared key: dlinktest
LAN-to-LAN tunnel

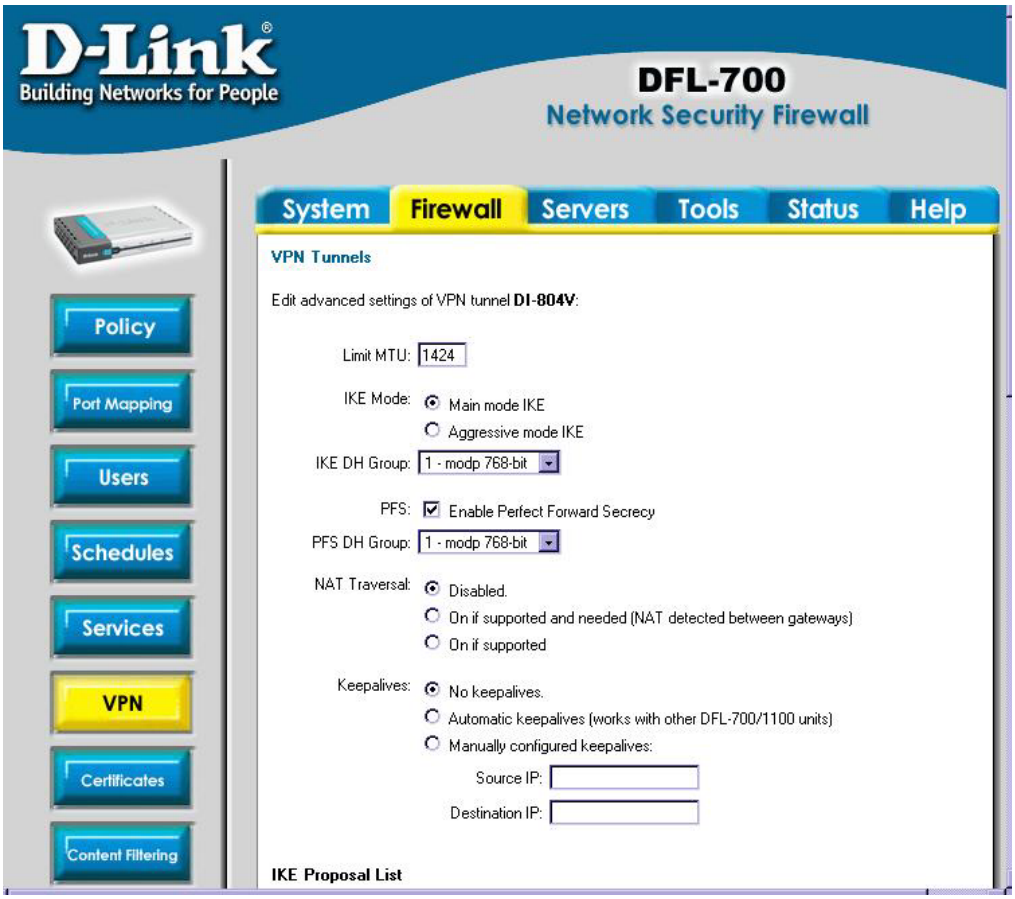
Remote Net: 192.168.3.0/24
Remote Gateway: 195.74.119.182



Click on **Apply** when done.

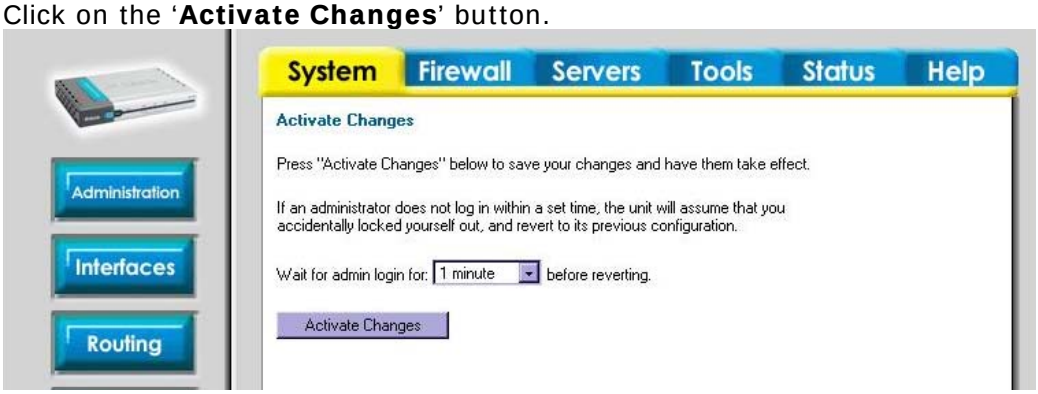
4) Click on **Edit** on the newly created **DI-804V** profile

5) Click on **Advanced**. Set IKE mode to 'Main Mode' (default), IKE DH Group '1 – modp 768-bit'. Enable PFS by checking it. Set the PFS DH Group to '1 – modp 768-bit'. Set NAT traversal to 'Disabled'. Click on '**Apply**' when done.



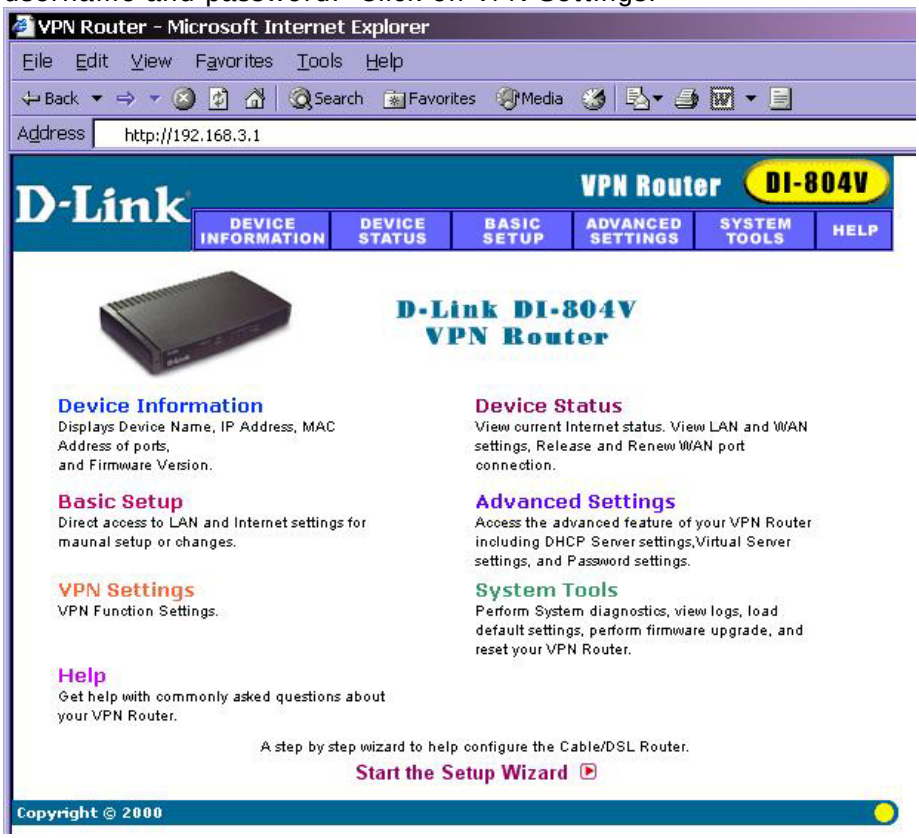
6) Click on '**Activate**' on the bottom left hand corner of the screen.

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



DI-804V configuration

1) Log on to the DI-804V using its IP address (http://192.168.3.1) and enter the username and password. Click on VPN Settings.



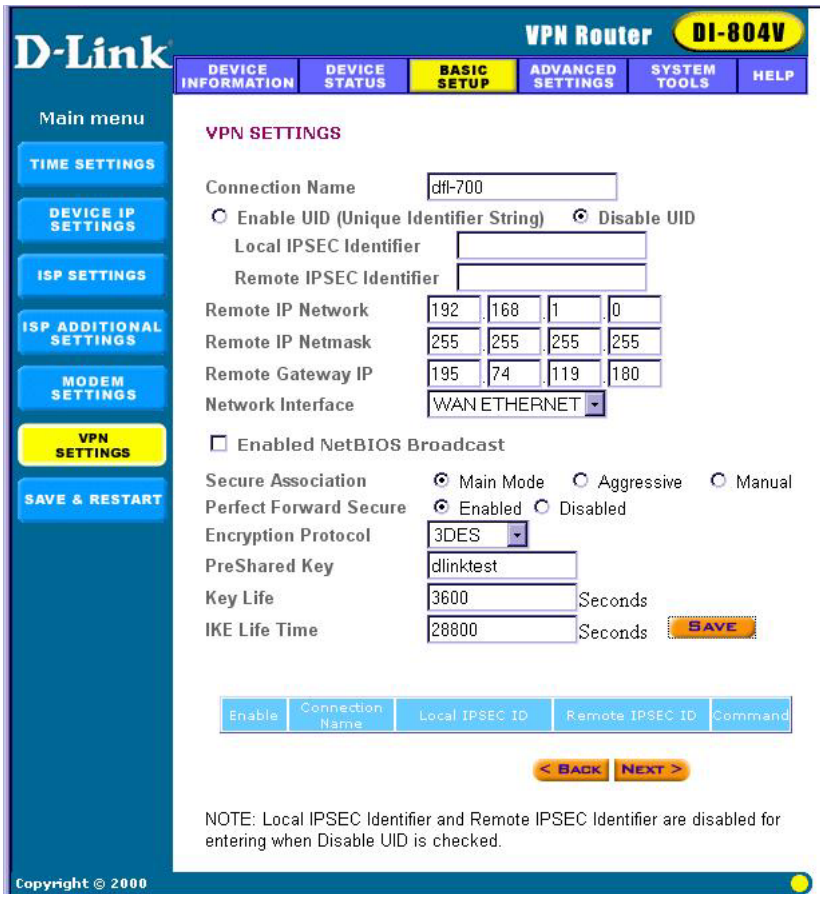
2) Under Connection Name, enter the name for the VPN tunnel (i.e. DFL-700). Click on Add.

3) Enter the following details. Click on **Save** when done.

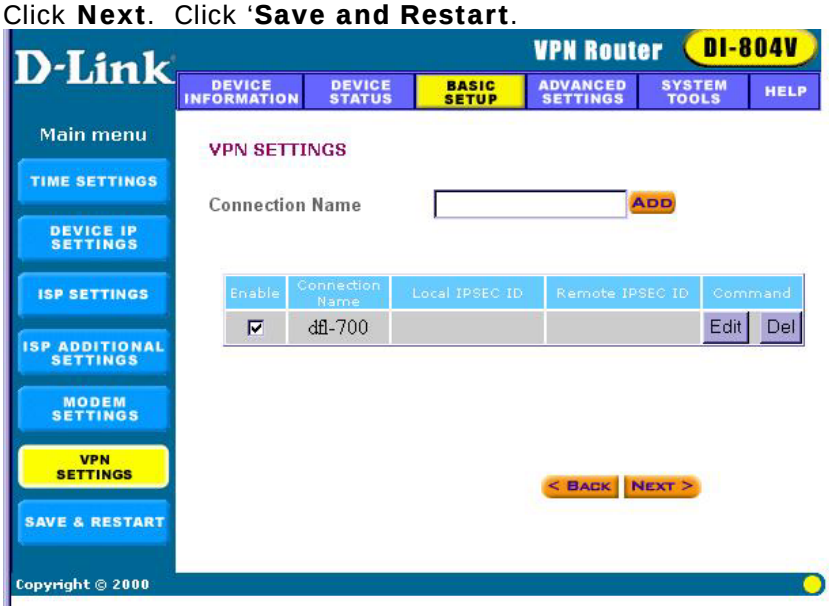
Remote IP Network: 192.168.1.0

Remote IP Netmask: 255.255.255.0
Remote Gateway IP: 195.74.119.180
Network Interface: WAN ETHERNET

Secure Association: Main Mode
Perfect Forward Secure: Enabled
Encryption Protocol: 3DES
Preshared Key: dlinktest
Key Life: 3600
IKE Life Time: 28800



4) Click **Next**. Click '**Save and Restart**.



Testing the connection

From the DFL-700 side, you can initiate a ping to a machine on the LAN side of the DI-804V (i.e. 192.168.3.10, etc). The tunnel should then be generated and then you should get a response as shown below.