How to Setup the DWM-312 and Barracuda CloudGen F-Series Firewall for Connection Failover

TOPOLOGY

PRIMARY CONNECTION

BACKUP CONNECTION

LTE

DWM-312

PORT 4

PORT 3
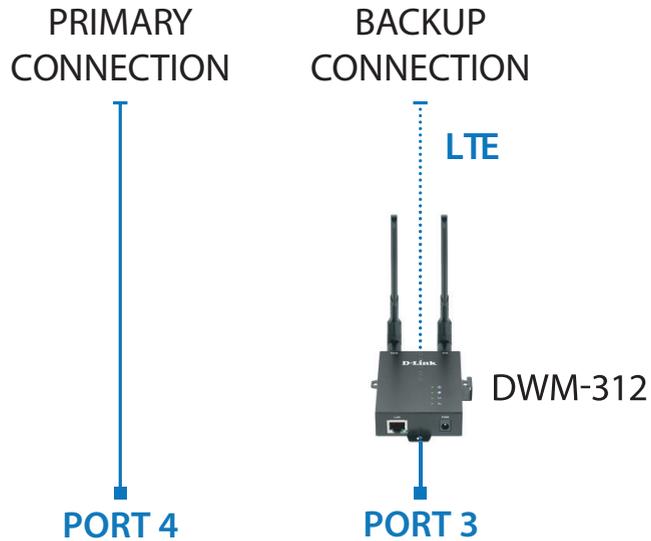
Barracuda CloudGen F-Series FIREWALL

STEP 1. **To set the DWM-312 4G LTE Modem in Bridge Mode**, connect it to your computer and log into it via **http://192.168.0.1**.

» Select "**Internet**" from the top menu. Then select **SIMA > APN Settings**. Set "**Dial-Up Profile**" to Manual. Choose your Country and your Telco. Click on "**Apply**".

» Select "**Router Mode**" > Disable the "**Keep Alive for WAN Access**" option > Click on "**Apply**".
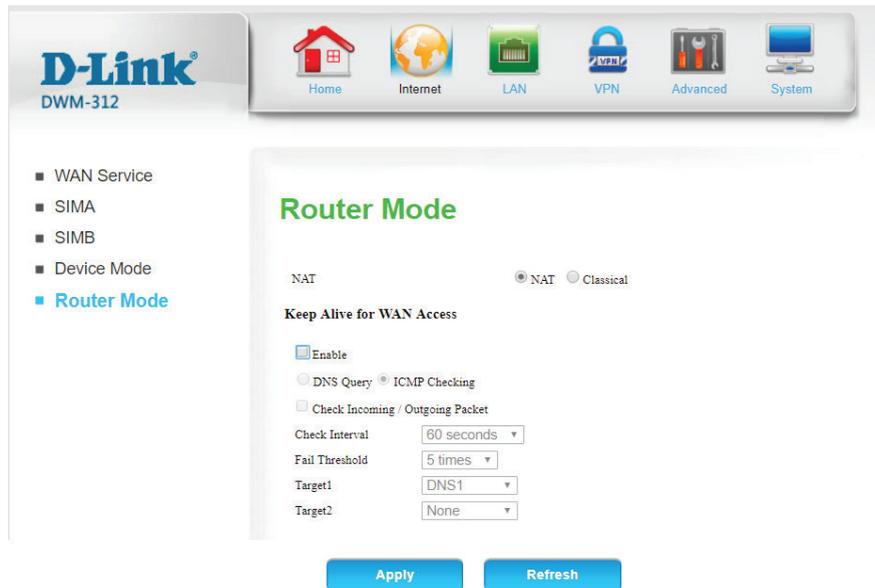
» Select "**Device Mode**" > Select "**Bridge Mode**" > Click on "**Apply**".
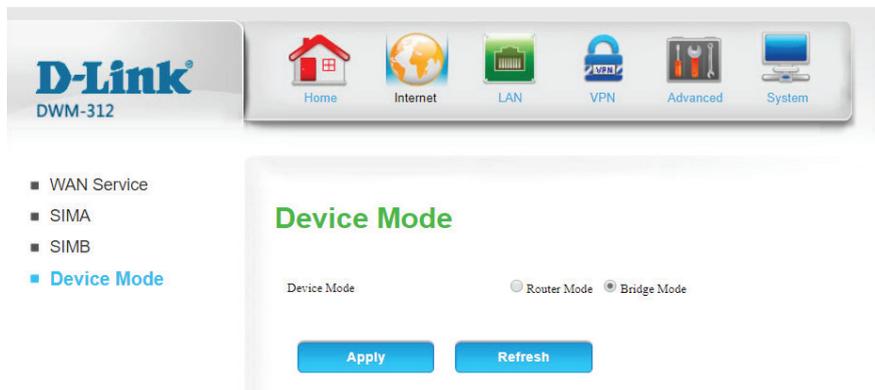
» The Setup is complete for DWM-312 in Bridge Mode.

STEP 2. **Setting up Barracuda CloudGen F-Series Firewall for failover from Primary Connection to Backup Connection.**

» Go to Configuration > Configuration Tree > Box > Network.
» Click on **xDSL/DHCP/ISDN** on the left and then click on "Lock".
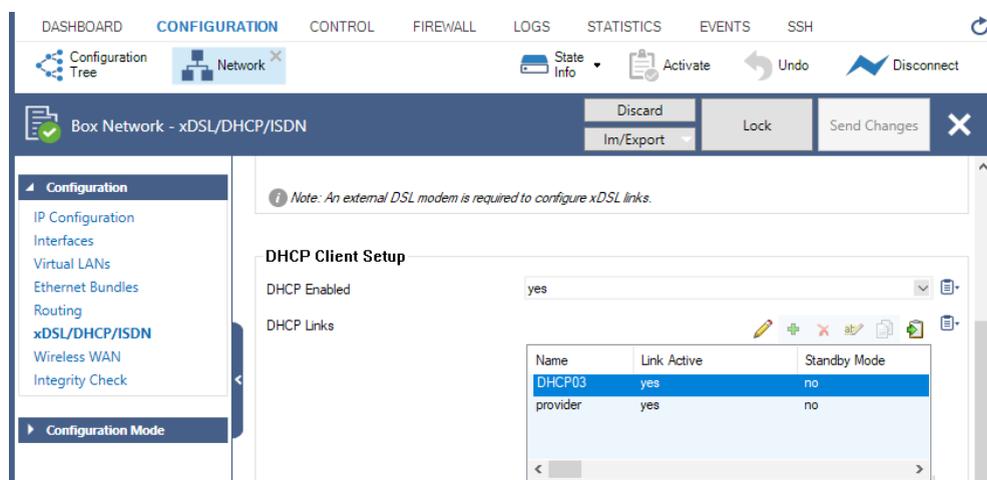
» Under **DHCP Client Setup**, set "DHCP Enabled" to "Yes".

» Under **DHCP Links** click on + to add a new entry. Give it a name ("DHCP03" in our example).

» Under **Connection Details** set "DHCP Interface" to "p3" (port 3).

» Under **DNS** set "Use Provider DNS" to "Yes".

» Under **Routing** set "Create Default Route" to "No".

» Under **Target Networks** click on + and add a new entry "0.0.0.0/0".

» Set **Trust Level** to "Untrusted".

» Set **Route Metric** to 101 (if your primary Internet connection route metric is set to 100).
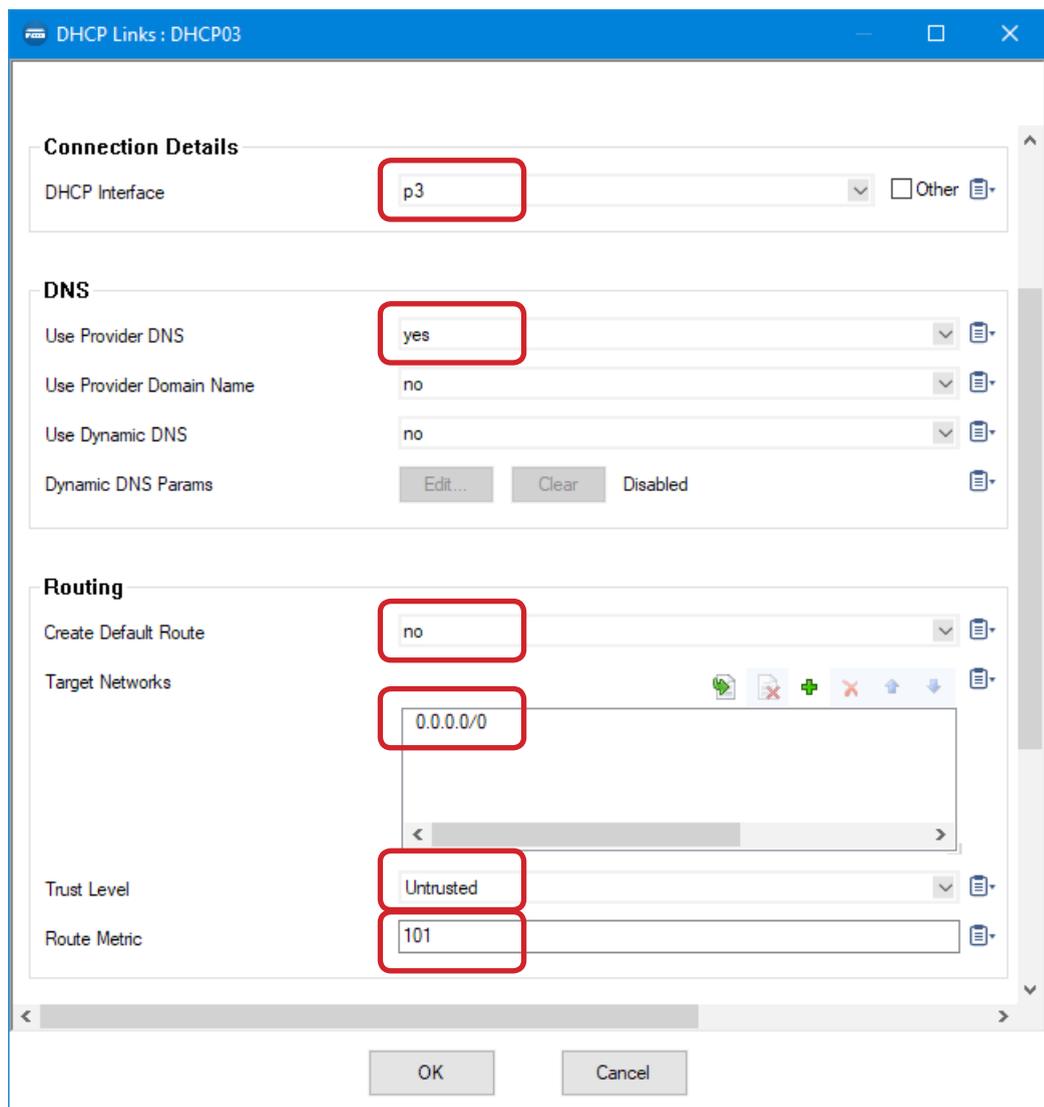
» Configure **Connection Monitoring**. Under **Connection Monitoring** in the "Reachable IPs" section click on + to add an IP address which will be used to monitor the connection (in our example we are using 8.8.8.8

» Under **Unreachable Action** select "Increase-Metric".

» Click on **OK.**
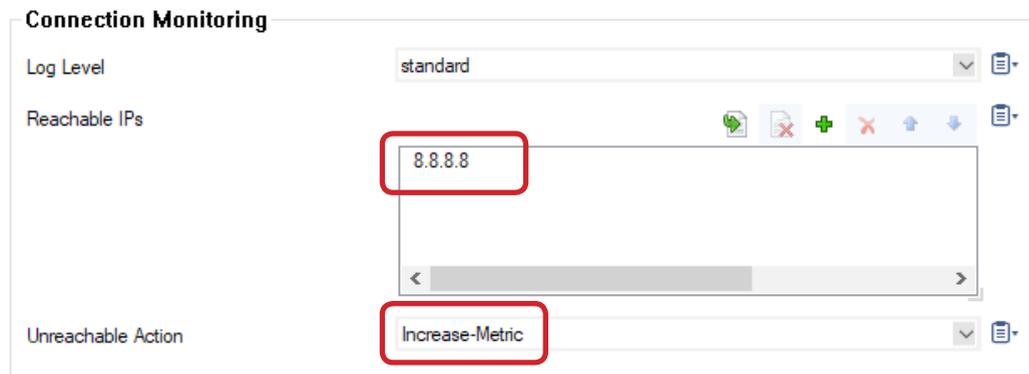
» Enable **Connection Monitoring** for your Primary Internet connection (DHCP link "provider" in our example), as described in step C above. Click on OK.

» Activate the new configuration: click on "Send Changes" and then on "Activate".

» Your Setup is complete.