D-Link FOR BUSINESS

How to Setup the DWM-315 with **Barracuda CloudGen F-Series Firewall** for Connection Failover

TOPOLOGY

PRIMARY CONNECTION

BACKUP CONNECTION

LTE

DWM-315

PORT 4

PORT 3

Barracuda® CloudGen F-Series FIREWALL
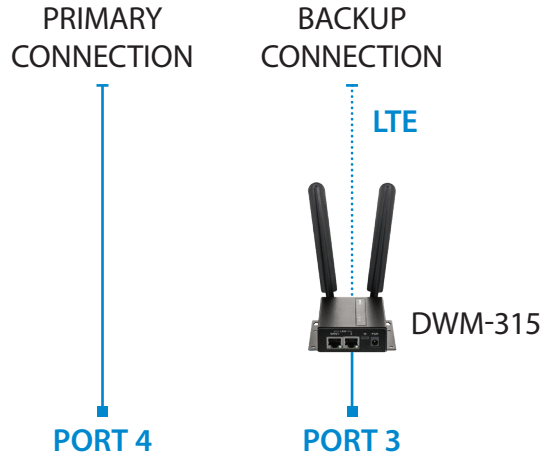
STEP 1. **To setup the DWM-315 4G LTE M2M Router in Bridge Mode**, connect it to your computer and log into it via **http://192.168.0.1**.

After logging in, go to WAN & Uplink > Connection Setup. Under WAN-1 click on the "Edit" button.

Scroll down to the **3G/4G Connection Common Configuration.**

Under **IP Passthrough (Cellular Bridge)** tick the "Enable" option.

Click on "Save" and confirm that switching to Bridge Mode will disable NAT and DHCP.
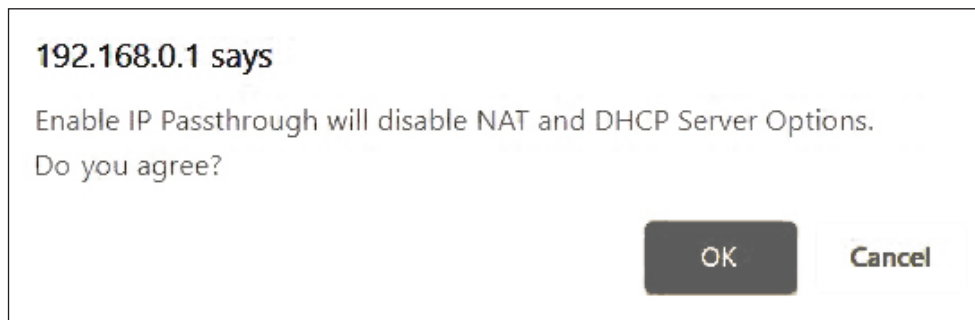
The Setup is complete for DWM-315 in Bridge Mode.

See next page to setup Barracuda CloudGen F-Series Firewall for failover.

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

a. Go to Configuration > Configuration Tree > Box > Network.
Click on **xDSL/DHCP/ISDN** on the left and then click on "**Lock**".
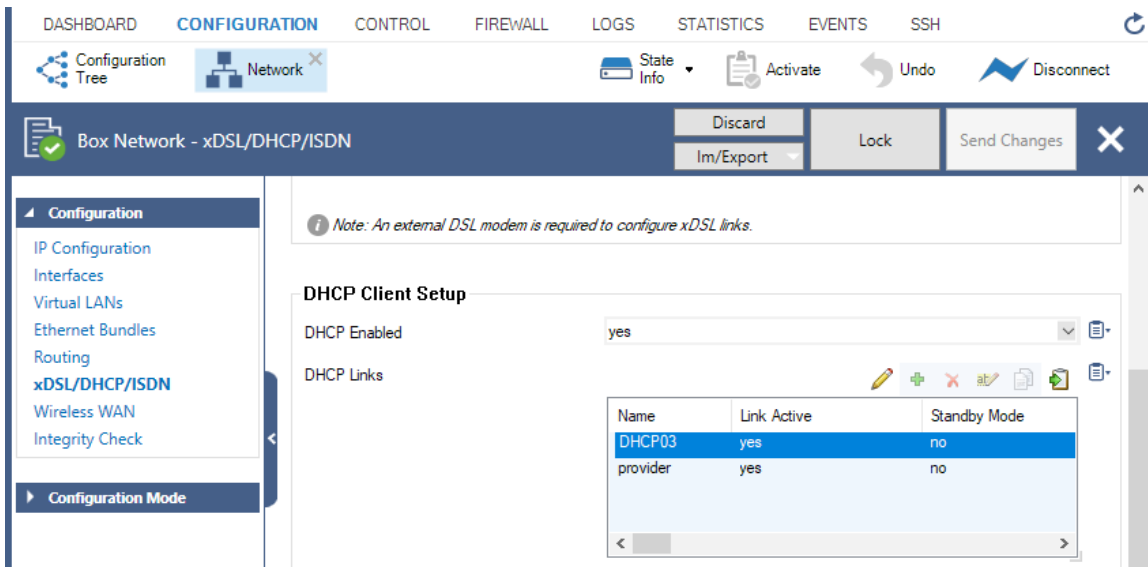
b. Under **DHCP Client Setup**, set "DHCP Enabled" to "Yes".
Under **DHCP Links** click on + to add a new entry. Give it a name ("DHCP03" in our example).
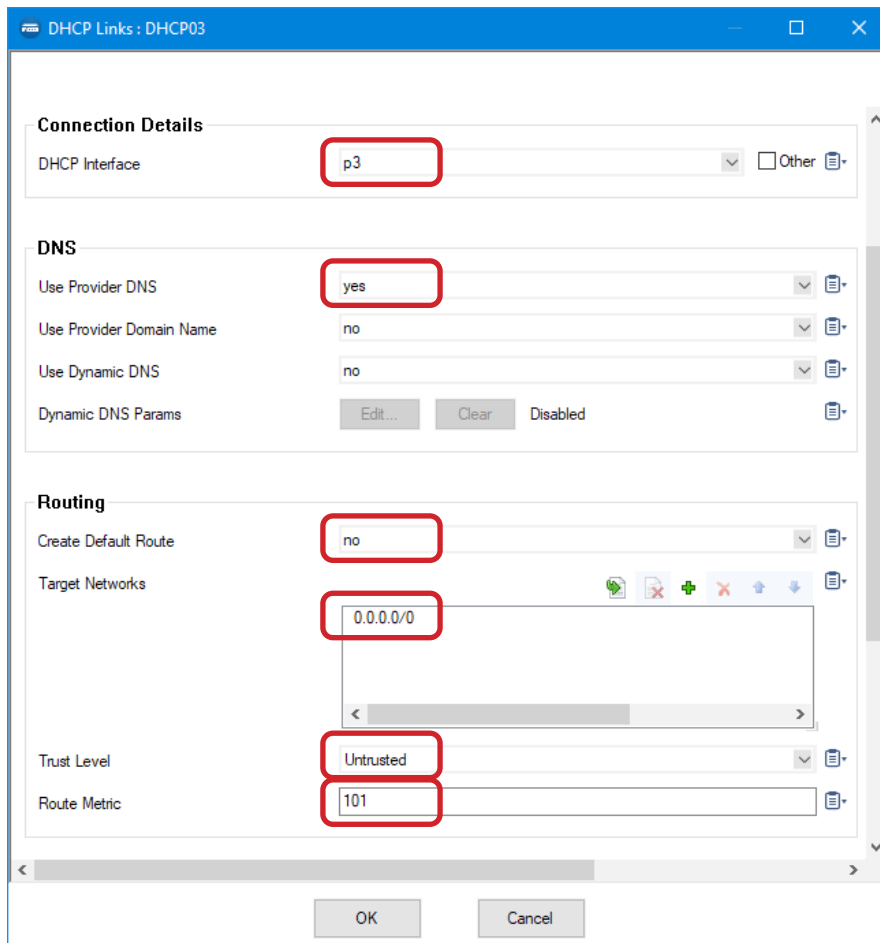Under **Connection Details** set "DHCP Interface" to "p3" (port 3).
Under **DNS** set "Use Provider DNS" to "Yes".
Under **Routing** set "Create Default Route" to "No".
Under **Target Networks** click on + and add a new entry "0.0.0.0/0".
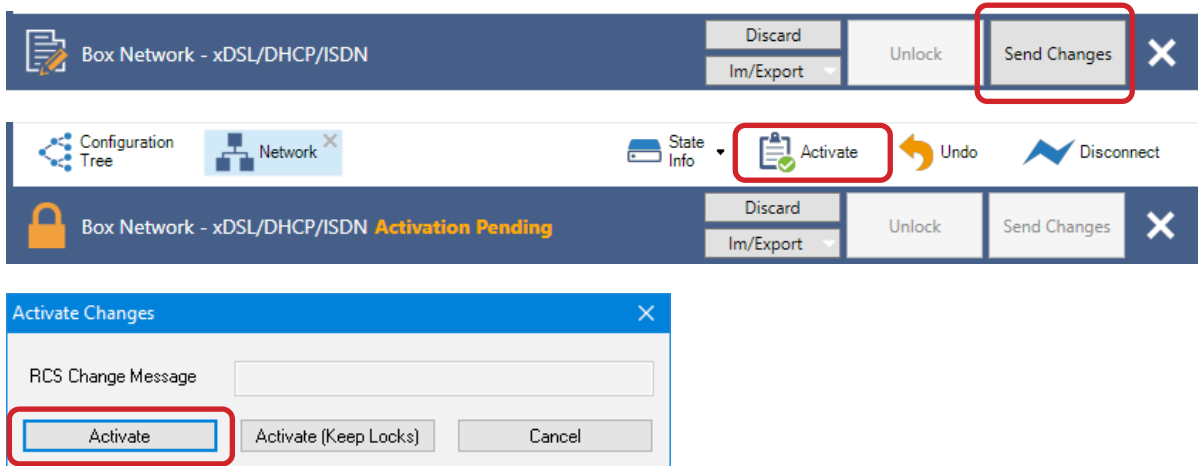Set **Trust Level** to "Untrusted".
Set **Route Metric** to 101 (if your primary Internet connection route metric is set to 100).

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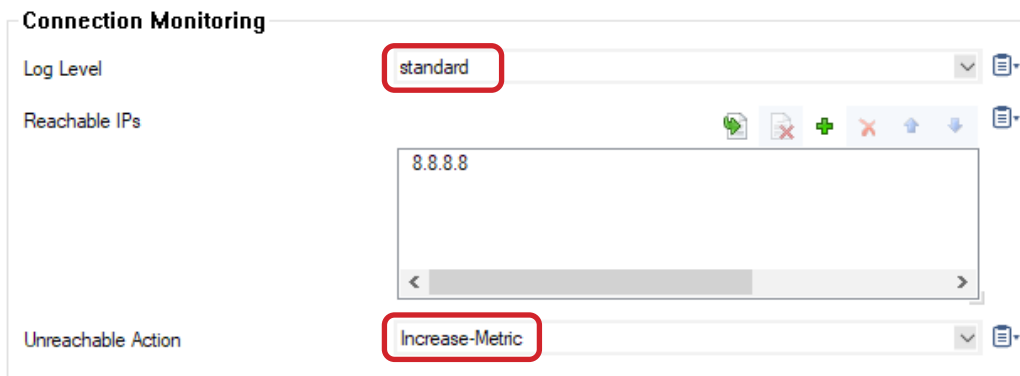
d. Enable **Connection Monitoring** for your Primary Internet connection (DHCP link "provider" in our example), as described in **Step C** above. Click on OK.

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

Your Setup is complete.