How to Setup the DWM-312 and SonicWALL TZ Series Firewall for Connection Failover

TOPOLOGY

PRIMARY CONNECTION

BACKUP CONNECTION

LTE

DWM-312

PORT X1   PORT X2

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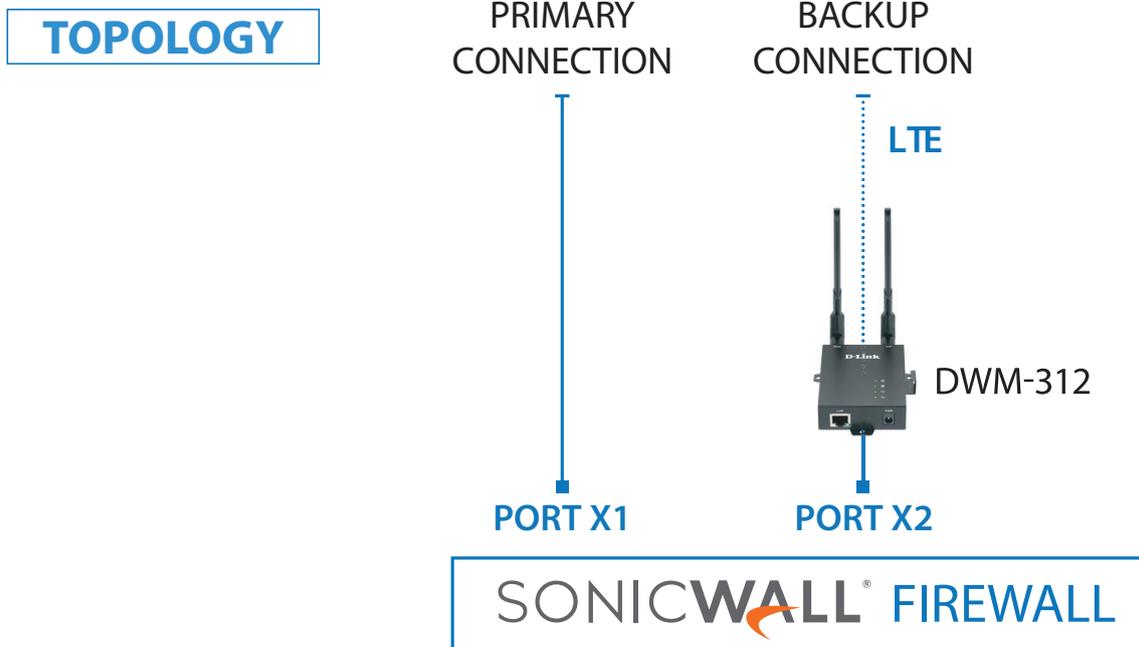
STEP 1. **To set the DWM-312 4G LTE Modem in Bridge Mode**, connect it to your computer and log into it via **http://192.168.0.1**.

» 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**".
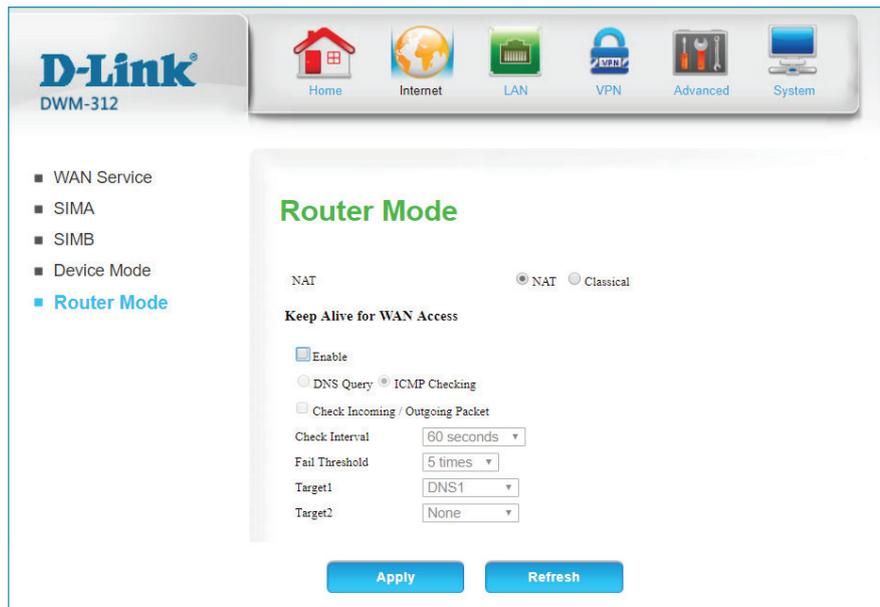
» Select "**Device Mode**" > Select "**Bridge Mode**" > Click on "**Apply**".
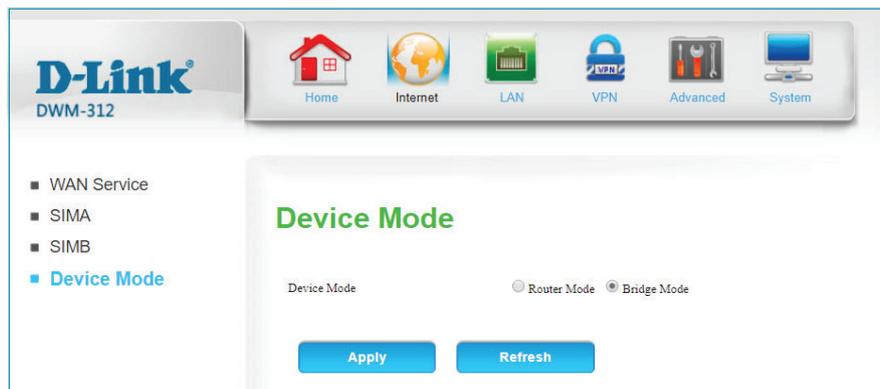
» The Setup is complete for DWM-312 in Bridge Mode.

STEP 2. **Setting up SonicWALL Firewall for failover from Primary Connection to Backup Connection.**

» Go to **Network > Interfaces**. Configure the **X2 interface**:
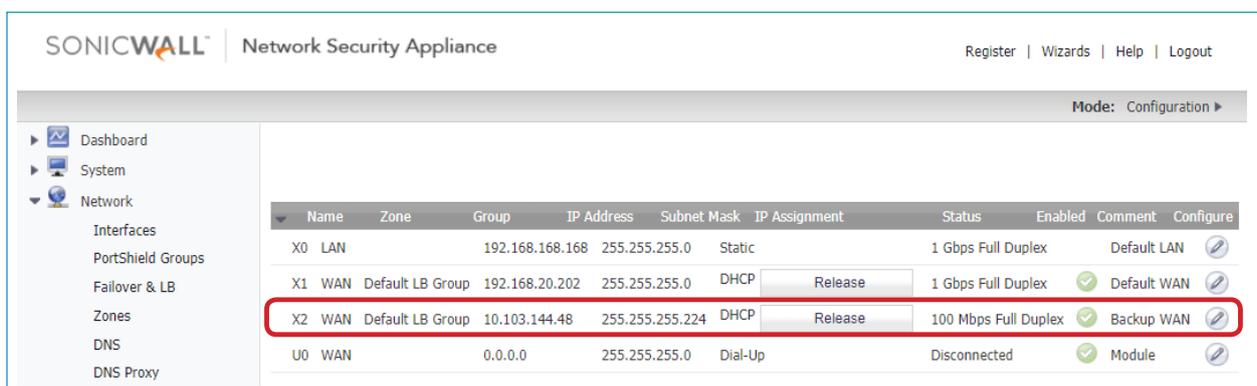
» Set **Zone** as **"WAN"**

» Set **IP Assignment** as **"DHCP"**

» Go to **Network > Address Objects**. Add a new object

» Set **Zone Assignment** as **"WAN"**

» Set **Type** as **"Host"**

» Set **IP Address** as **"4.2.2.2"**

» Go to **Network > Failover & LB**. Configure the **"Default LB Group"**.

» Add **X2** to the "Selected" field. Make sure the interfaces are in correct order.

- » Go to **Network > Network Monitor**. Add a new Network Monitor Policy.
- » Set **Probe Target** as **"Google DNS"**
- » Set **Next Hop Gateway** as **"X1 Default Gateway"**
- » Set **Outbound Interface** as **"X1"**
- » Set **Probe Type** as **"Ping (ICMP) – Explicit Route"**

- » Your Setup is now complete.