How to Setup the DWM-315 with **WatchGuard Firewall** for Connection Failover

TOPOLOGY

PRIMARY INTERNET CONNECTION

BACKUP INTERNET CONNECTION

DWM-315

PORT 0 / WAN

PORT 2

WatchGuard™ FIREWALL

PORT 1

LAN

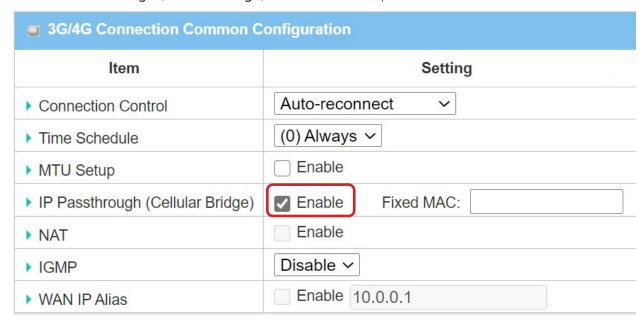**STEP 1.** **To setup the DWM-315 4G LTE M2M Router in Bridge Mode**, connect it to your computer and log into it via **http://192.168.0.1**.

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

Interface Name	Physical Interface	Operation Mode	WAN Type	Action
WAN-1	3G/4G	Always on	3G/4G	Edit
WAN-2	-	Disable	-	Edit

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

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

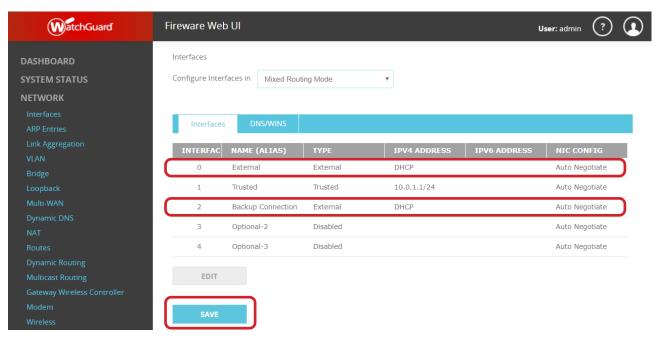Click on "Save" and confirm that switching to Bridge Mode will disable NAT and DHCP.

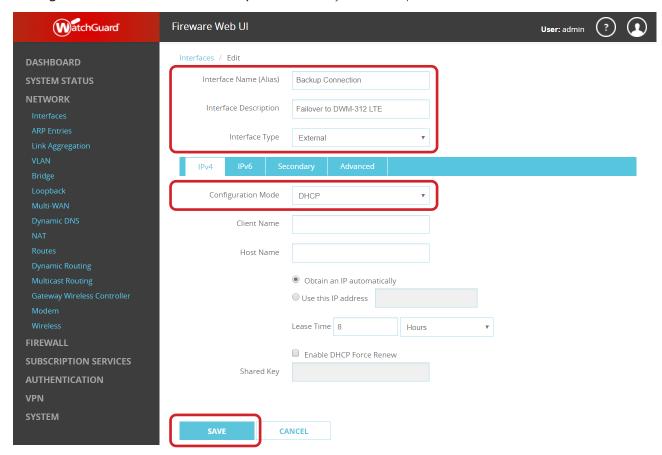The Setup is complete for DWM-315 in Bridge Mode.

See below to setup WatchGuard Firewall for failover.

STEP 2. **Setting up WatchGuard Firewall for failover from Primary Connection to Backup Connection.**
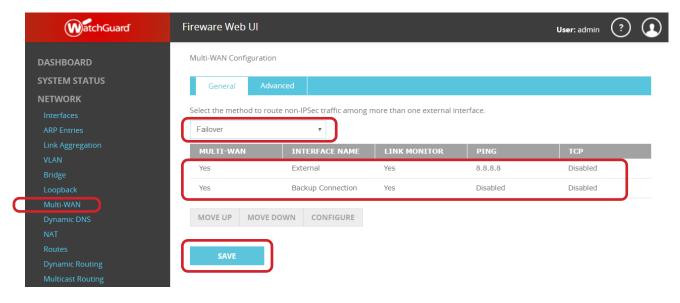
a. Configure Port 0 / WAN (default name is "**External**") with your Primary Internet Connection settings.

STEP 2. Configure Port 2 (default name is "**Optional-1**") as your backup LTE connection, set it as DHCP.
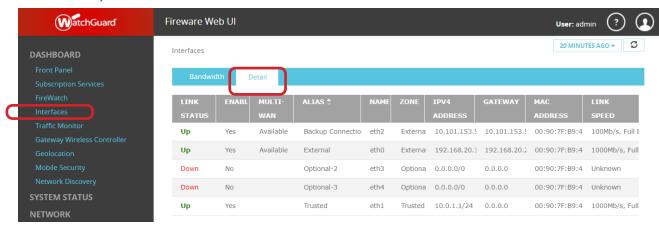

b. Under Network select Multi-WAN. Set the method to "**Failover**".

Double-click on the interface which is used for primary Internet connection (default name is "External") and **Configure Link Monitor**:

Configure Link Monitor

Select whether this interface participates in Multi-WAN and how link monitor verifies the interface status.

External
☑ Participate in Multi-WAN
☑ Enable link monitor

To monitor the default gateway, link monitor must be enabled.

To monitor the connection to another source, select an option and specify an IP address or domain name.

☑ Ping   8.8.8.8

☐ TCP   _____   Port 80

☐ Both Ping and TCP must be successful to define the interface as active

Probe interval	15	seconds
Deactivate after	3	consecutive failures
Reactivate after	3	consecutive successes

[**OK**]   [CANCEL]

You can verify the status of the connections under **Dashboard > Interfaces > Detail**.

WatchGuard	Fireware Web UI							User: admin

DASHBOARD
Front Panel
Subscription Services
FireWatch
Interfaces
Traffic Monitor
Gateway Wireless Controller
Geolocation
Mobile Security
Network Discovery
SYSTEM STATUS
NETWORK

Interfaces

20 MINUTES AGO ▾

Bandwidth | Detail

LINK STATUS	ENABL	MULTI-WAN	ALIAS ⬍	NAME	ZONE	IPV4 ADDRESS	GATEWAY	MAC ADDRESS	LINK SPEED
Up	Yes	Available	Backup Connectio	eth2	External	10.101.153.5	10.101.153.5	00:90:7F:B9:4	100Mb/s, Full D
Up	Yes	Available	External	eth0	External	192.168.20.1	192.168.20.2	00:90:7F:B9:4	1000Mb/s, Full
Down	No		Optional-2	eth3	Optiona	0.0.0.0/0	0.0.0.0	00:90:7F:B9:4	Unknown
Down	No		Optional-3	eth4	Optiona	0.0.0.0/0	0.0.0.0	00:90:7F:B9:4	Unknown
Up	Yes		Trusted	eth1	Trusted	10.0.1.1/24	0.0.0.0	00:90:7F:B9:4	1000Mb/s, Full

Your Setup is complete.