Quick Note 2

Configure the Wireless WAN (PPP) interface

Digi Technical Support

February 2016

Contents

1 VERSION

Version Number	Status
1.0	Published
1.1	Revision for new W-WAN usage in the web GUI post release 5.036.
2.0	Updated and rebranded
2.1	Updated screenshots and instructions for new web interface, rebranding, updated APN table (Feb 2016)

1.1 Corrections

Requests for corrections or amendments to this Quick Note are welcome and should be addressed to: tech.support@digi.com

Requests for new Quick Notes can be sent to the same address.

2 CHANGE TO TERMINOLOGY

From firmware 5.036 references to GPRS in the web configuration were changed to W-WAN; this QN has been amended to show the new format of the web interface using W-WAN.

Users wishing to configure devices with older firmware versions will need to configure the appliance via 'Configure > GPRS Module'.

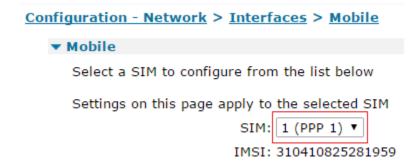This QN uses the new web GUI format (v5123 and later).

3 CONFIGURATION

To configure the W-WAN interface, make the following settings on the router as the example below, but change the details to suit.

3.1 Configure the APN

Browse to:

<div align="center">Configuration - Network > Interfaces > Mobile</div>

Select the SIM using the drop-down box, i.e. SIM 1 or SIM 2

Configuration - Network > Interfaces > Mobile

▼ Mobile

Select a SIM to configure from the list below

Settings on this page apply to the selected SIM

SIM: 1 (PPP 1) ▼

IMSI: 310410825281959

Enter the APN of the mobile operator and other optional information if required, i.e. SIM PIN, Username, and Password. Normally, just an APN is required. If not using a Username or Password, ensure that these fields are empty, and not "auto filled" by the browser. Leave everything else set to default values.

Configuration - Network > Interfaces > Mobile

▼ Mobile Settings
Select the service plan and connection settings used in connecting to the mobile network.

Mobile Service Provider Settings

Service Plan / APN: Your.APN.goes.here

☐ Use backup APN [   ]   Retry the main APN after 0 minutes

SIM PIN: [   ] (Optional)

Confirm SIM PIN: [   ]

Username: [   ] (Optional)

Password: [   ] (Optional)

Confirm Password: [   ]

The PPP instance for the wireless WAN is dependent on the TransPort model. On mobile routers where wireless is the primary connection method, it will be PPP 1. On routers with ADSL and wireless WAN, the cellular interface is PPP 3.
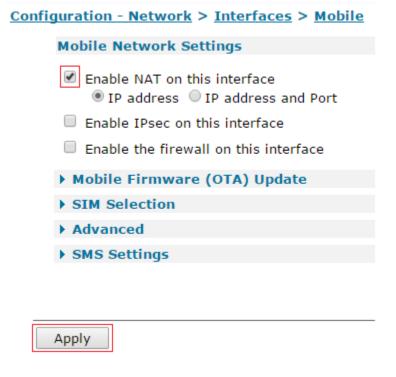
Common UK APNs:

O2	mobile.o2.co.uk
Orange	orangeinternet (older SIMs) everywhere (newer SIMs)
T-Mobile	general.t-mobile.uk (older SIMs) everywhere (newer SIMs)
Tesco-Mobile	prepay.tesco-mobile.com
Three	three.co.uk (private mobile IP, applicable to most devices) 3internet (public mobile IP)
Virgin	goto.virginmobile.co.uk
Vodafone	internet

Common USA APNs:

AT&T	broadband (private mobile IP) i2gold (public mobile IP) isp.cingular (private mobile IP)
T-Mobile	fast.t-mobile.com
Verizon Wireless	vzwinternet (private mobile IP) ne01.vzwstatic, nw01.vzwstatic, so01.vzwstatic, mw01.vzwstatic, we01.vzwstatic (public mobile IP)

Scroll down to the Mobile Network Settings section, ensure NAT is enabled.

Click the **Apply** button.

3.2 Confirm the wireless WAN interface is connected

Browse to:

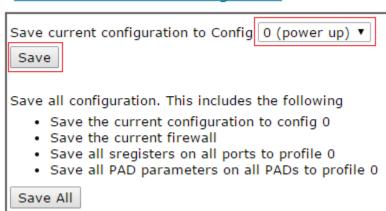**Management - Network Status > Interfaces > Mobile**

Confirm that the interface has been assigned an IP address.

3.3   Save the configuration changes to profile 0

Browse to:

Administration - Save configuration

Click the **Save** button.