Release Note for Vigor2866 Series

Firmware Version:	4.4.5.3
Release Type:	Normal - Upgrade recommended when convenient
Applied Models:	Vigor2866 / Vigor2866ac / Vigor2866L / Vigor2866Lac / Vigor2866ax / Vigor2866Vac

Vigor2866 Series is a G.fast Security Firewall router integrating a DSL modem which is compatible with variants of DSL protocols, including G.fast, VDSL2 profile 35b Super Vectoring, and ADSL2+.

New Features

- Support Port Knocking for Local Service.
- Support more than 64 Characters for Webhook Server URL.

Improvement

- Improved: Add a new option to monitor LTE signal strength.
- Improved: Add the 5GHz minimum RSSI for Band Steering.
- Improved: Display the information related to the 3G/4G signal on the router UI.
- Improved: Support Vigor management from TR-069 servers using either uppercase or lowercase HTTP headers.
- Improved: Add an option to use customized signal quality thresholds for mobile connectivity and display the color coded status in router summary.
- Corrected: An issue with failure to connect SSH via PuTTY 0.81.
- Corrected: An issue with IPSec VPN negotiation sessions not timing out.
- Corrected: An issue with failure to connect to the third party ACS after upgrade to firmware 4.4.5.
- Corrected: An issue that the URL Filter did not block HTTPS websites when TLS 1.3 hybridized Kyber enabled in the browser.

Known Issue

- A firewall can restrict/drop unwanted inbound WAN traffic such as VPN requests. The router's firewall block rules can stop remote management and VPN access. It is recommended to review the firewall settings before upgrading.
- QoS does not work on G.fast line when the link rate exceeds 600 Mbps.
- For "ax" series model:
  The wireless clients might encounter unexpected trouble (e.g., unable to use the printer on

LAN) while accessing into Internet if the hardware acceleration is enabled.
To skip hardware acceleration for certain devices, the following telnet command can be used:
```
ppa –E –e 1
ppa –E –a AA:BB:CC:XX:XX:XX nat|bridge|ipsec
```
● Vigor2866 may have synchronization or performance issues when connecting to the DSL line with a lower SNR value (<6).

File and Modem Code

● "Vigor2866_v4.4.5.3_STD.zip" provides Annex A modem code 123230_02 and 123210_30.
● "Vigor2866_v4.4.5.3_MDM1.zip" provides Annex A modem code 126110_12 and 126010_15.
● "Vigor2866_v4.4.5.3_MDM2.zip" provides Annex A modem code 127210_04 and 127110_01. Recommended for Australian users
● "Vigor2866_v4.4.5.3_MDM3.zip" provides Annex J modem code 127210_04 and 127110_01. Recommended for Germany, Austrian and Swiss users
● "Vigor2866_v4.4.5.3_MDM4.zip" provides Annex A modem code 128210_02 and 127210_04. Recommended for Australian users
● "Vigor2866_v4.4.5.3_MDM5.zip" provides Annex J modem code 128210_02 and 127210_04. Recommended for German users.
● "Vigor2866_v4.4.5.3_MDM6.zip" provides Annex A modem code 129120_05, 128210_02. (Recommended when meeting VDSL sync issue).
● "Vigor2866_v4.4.5.3_MDM7.zip" provides Annex J modem code 129120_05, 128210_02.

VDSL2 Profile 30a is supported by modem code 129120_05(MDM6/MDM7).

Note

● IPsec HMAC (MD5) is no longer supported.