

## Release Note for Vigor2866 Series

Firmware Version:	4.5.0
Release Type:	Regular – Upgrade recommended when convenient, as it includes general improvements and optimizations
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 VRRP.
- Support XMPP.
- Support OAuth 2.0 for Mail Service.
- Support more port redirection modes in Port Knocking.
- Support the TR-069 parameter of certificate management.
- Add a new menu item, System Maintenance>> Configuration Export/Import, for importing/exporting configuration.

### Improvement

- Improved: Add SNMP OID for WAN uptime.
- Improved: Support Redistribute BGP route via OSPF route.
- Improved: Add second public / private community string for SNMP.
- Improved: Improve the behavior of BGP (Border Gateway Protocol).
- Improved: Add an option to prevent reboot of router when .def file is applied from VigorACS.
- Corrected: An issue with removing APPE related logs from Service Status.
- Corrected: An issue that Vigor Router AP management did not support AP1062C.
- Corrected: An issue that Auto APN did not match the pre-configured APN profile list.
- Corrected: An issue where the IP of the "More Remote Subnet" was scanning a service port that was disabled.
- Corrected: An issue where a user with Client-Side Access Controls (Read Only) could modify device configuration settings.
- Corrected: An issue with the system reboot was related to VoIP/KMC56 buffer leakage when receiving malformed SIP packets.

- Corrected: An issue with XML with NAT port redirection and Open port configuration not working until reapplied from router UI.
- Corrected: An issue where the VigorACS Server log incorrectly showed "fail" even though the firmware upgrade actually succeeded.
- Corrected: An issue where firmware upgrades via VigorACS (from 4.4.6\_RC2 to 4.5.0\_RC3) failed occasionally due to OpenVPN socket reuse.

## 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\_v4.5.0\_STD.zip" provides Annex A modem code 123230\_02 and 123210\_30.
- "Vigor2866\_v4.5.0\_MDM1.zip" provides Annex A modem code 126110\_12 and 126010\_15.
- "Vigor2866\_v4.5.0\_MDM2.zip" provides Annex A modem code 127210\_04 and 127110\_01. Recommended for Australian users
- "Vigor2866\_v4.5.0\_MDM3.zip" provides Annex J modem code 127210\_04 and 127110\_01. Recommended for Germany, Austrian and Swiss users
- "Vigor2866\_v4.5.0\_MDM4.zip" provides Annex A modem code 128210\_02 and 127210\_04. Recommended for Australian users
- "Vigor2866\_v4.5.0\_MDM5.zip" provides Annex J modem code 128210\_02 and 127210\_04. Recommended for German users.
- "Vigor2866\_v4.5.0\_MDM6.zip" provides Annex A modem code 129120\_05, 128210\_02. (Recommended when meeting VDSL sync issue).
- "Vigor2866\_v4.5.0\_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.