

Release Notes for DrayTek Vigor2866 series (UK/Ireland)

Firmware Version	4.4.0_BT (Formal Release)
Release Type	Regular – Upgrade recommended when convenient
Build Date	12 th May 2022
Release Date	24 th June 2022
Revision	3019_f8fc132a7
Applicable Models	Vigor2866, Vigor2866ac, Vigor2866ax, Vigor 2866Lac, Vigor2866Vac
DSL Modem Code	1232305
Locale	UK & Ireland Only

READ BEFORE UPGRADING!

This firmware alters the firewall behaviour.

The firewall is now able to block inbound requests to the routers management and services interfaces such as the Web UI and VPN Services. The firewall treats these as [WAN to LocalHost] for direction purposes.

If your [Firewall] > [General Setup] > Default Rule is set to Block, you must set it to Pass before upgrading the firmware.

If you want to set the default rule to block, then after upgrade, create pass rules with a direction to [WAN to LocalHost] so that the Web UI (typically TCP 443) is exempt by creating a Pass rule first. Other common services used by the router are:

HTTPS & SSL VPN	-	TCP 443
SSH	-	TCP 22
IPSEC	-	UDP 500
IPSEC NAT-traversal	-	UDP 4500

New Features

1. Firewall can restrict/drop unwanted inbound WAN traffic such as VPN requests. Use the new direction option **[WAN -> Localhost]** to apply
2. Router's DNS server feature can record one domain with multiple IP addresses
3. Support for Link Aggregation (LAG) for selected LAN ports
4. [Certificate Management] system now operates in a new way:
 - a. HTTPS certificate for management & SSL VPN is now selected from:
[Certificate Management] > [Local Services List]
Reboot the router after changing this setting to use the new certificate
 - b. [Local Certificates] now supports more than 3 certificates
 - c. [Trusted CA Certificates] now supports more than 3 certificates
 - d. Storage for Certificate on each of those pages shows % remaining available space
 - e. Password on Private Key is no longer required when importing Cert + Private Key
5. Inbound QoS now supports Hardware Accelerated operation
6. Support for network monitoring protocol IPFIX (Netflow)

7. SNMP 'ifLastChange' is now supported for WAN and LAN port uptime (Physical port link up/down detection)
8. App-level Bandwidth Limits (e.g. Teams, OneDrive, Steam) can now be configured from [Bandwidth Management] > [Bandwidth Limit] > [APP]
9. Webhook feature can now be enabled in [System Maintenance] > [Webhook] to send periodic keepalive / heartbeat messages to a monitoring server
10. Cache password for auto reconnect option added on the [VPN and Remote Access] > [OpenVPN] > [Client Config] page
11. Wake on LAN via WAN can now be enabled/disabled for allowed IPs or any WAN IP from [Applications] > [Wake on LAN/WAN] – Wake on WAN tab

Improvements

1. Improved Web GUI Security
2. Updated HTTPS mechanism to address the CVE-2022-0778 (OpenSSL)
3. Support for IKEv2 fragmentation to improve IKEv2 EAP compatibility
4. Hardware Acceleration is enabled by default when router is reset or upgraded with .rst file
5. DNS Filter now supports blocking of DoH (DNS over HTTPS) and DoT (DNS over TLS) services to ensure that users use standard DNS, allowing the DNS Filter to operate optimally
6. Exception list added to [Hardware Acceleration]
7. Updated encryption mechanism for MyVigor server connections for license obtaining, network connecting, and registrations
8. Improved NAT performance for Hotspot Web Portal with asynchronous mode
9. When Brute Force Protection is disabled, service options are greyed out (ticked by default)
10. Syslog improvements for attempted OpenVPN connections
11. Function priority and default value change for DoS & Bandwidth Limit and HW NAT settings
12. In some circumstances Conditional DNS Forwarding did not work
13. Improved mesh network connectivity
14. Fixed a display issue with Basic Configuration Sync in the Mesh setup section
15. Self-sign certificate renewal mechanism improvements related to DrayDDNS Let's Encrypt
16. PPTP VPN users could not access router's WUI
17. In some circumstances Port Redirection did not work when Hardware Acceleration for NAT and 802.1Q priority for LAN were enabled
18. Disabling a static route could disable the default route entry
19. When default modem code was used, router would not connect to ADSL
20. After the firmware upgrade, router could stop responding if VoIP call, and VLAN configuration were in use
21. Self-signed certificate will now automatically regenerate before expiring
22. Some wireless clients could not reconnect to 2.4 and 5GHz
23. Customized List data information display issue fixed for [LAN] > [General Setup], DHCP Server Option section

Known Issues

(None)

Firmware File Types

The ZIP file contains the firmware with two different file extensions, .ALL and .RST. The firmware is identical, but the RST file contains factory default settings. If you install the ALL file, your router will retain all existing settings. If you use the RST file, all settings will be wiped from your router.

Modem Codes

There are three firmware variants available for download.

Download Filename	Firmware Filename	Modem Code	
		VDSL	ADSL
v2866_440_BT.zip	v2866_440BT_123230_05.all	123230_05	123210_14
v2866_440_MDM0.zip	v2866_440_123230_02.all	123230_02	123210_30
v2866_440_MDM1.zip	v2866_440_126110_12.all	126110_12	126010_15

We recommend using firmware "v2866_440BT_123230_05.all" unless you have specific line issues.

Upgrade Instructions

It is recommended that you take a configuration backup prior to upgrading the firmware. This can be done from the router's system maintenance menu.

To upgrade firmware, select '*firmware upgrade*' from the router's system maintenance menu and select the correct file. Ensure that you select the ALL file unless you want to wipe out your router's settings back to factory default.



Manual Upgrade

If you cannot access the router's menu, you can put the router into 'TFTP' mode by holding the RESET whilst turning the unit on and then use the Firmware Utility. That will enable TFTP mode. TFTP mode is indicated by all LEDs flashing. This mode will also be automatically enabled by the router if there is a firmware/settings abnormality. Upgrading from the web interface is easier and recommended – this manual mode is only needed if the web interface is inaccessible.

Firmware Version	4.3.2.1_BT (Formal Release)
Release Type	Regular – Upgrade recommended when convenient
Build Date	25 th October 2021
Release Date	11 th November 2021
Revision	11161_2109_a730b4f5e1
Applicable Models	Vigor2866, Vigor2866ac, Vigor 2866Lac
DSL Modem Code	1232305
Locale	UK & Ireland Only

New Features

(None)

Improvements

1. Self-signed certificate will automatically regenerate before expiration
2. System stability improvements
3. Hardware Acceleration did not work with WAN to LAN sessions in routing mode

Known Issues

(None)

Firmware Version	4.3.2_BT (Formal Release)
Release Type	Initial Release
Build Date	22 nd June 2021
Release Date	18 th July 2021
Revision	8731_2104_b0731bb564
Applicable Models	Vigor2866, Vigor2866ac, Vigor 2866Lac
DSL Modem Code	1232305
Locale	UK & Ireland Only

First Firmware Release for this model

New Features

(None)

Improvements

(None)

Known Issues

(None)

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