

Release Notes for DrayTek Vigor2862 series (UK/Ireland)

Firmware Version	3.8.7_BT (Formal Release)
Release Type	Regular – Upgrade recommended when convenient
Build Date	20 th October 2017
Release Date	3 rd November 2017
Revision	69378
Applicable Models	Vigor2862, Vigor2862n, Vigor 2862Ln, Vigor2862ac
VDSL Modem Code	779517
ADSL Modem Code	773F01
Locale	UK & Ireland Only

New Features

(None)

Improvements

1. Improvements to Wireless WAN (WAN2) mode WPA2 security to protect against WPA2 Key Reinstallation Attack (KRACK), for more details please read this security advisory: <https://www.draytek.co.uk/information/our-technology/wpa2-krack-vulnerability>
2. BGP Router ID can now be set to a specified LAN / WAN IP address manually
3. Switch Management now supports management of the VigorSwitch P1280
4. Improved handling of WAN Alias IPs by sending an ARP request to the WAN Gateway upon first configuration
5. Improved session handling when using VPN Trunk in Weighted Round Robin mode
6. Improved DNS Security – Domain Diagnosis function to utilise the router's DNS Cache
7. Corrected handling of DNS query responses with DNS Security enabled on the router
8. Improved Firewall's Session limit handling of Fragmented UDP packets on a Routed LAN
9. Restarting the router (via WUI, CLI), would drop and restart PPP connection before the router rebooted
10. [Product Registration] link did not work when connected to EE's 4G network

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.

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	3.8.6_BT (Formal Release)
Release Type	Regular – Upgrade recommended when convenient
Build Date	21 st August 2017
Release Date	27 th October 2017
Revision	68071
Applicable Models	Vigor2862, Vigor2862n, Vigor2862ac
VDSL Modem Code	779517
ADSL Modem Code	773F01
Locale	UK & Ireland Only

New Features

1. Support for extra TR-069 parameters
2. Support for Ethernet Bridge Mode on Ethernet WAN2
3. Added Users Information section to Hotspot Web Portal (requires USB storage to operate) to store details of users that have connected through the Hotspot Web Portal
4. Switch Management now supports Alert & Log, which stores and notifies of events such as port disconnections for connected VigorSwitches (requires USB storage to operate)

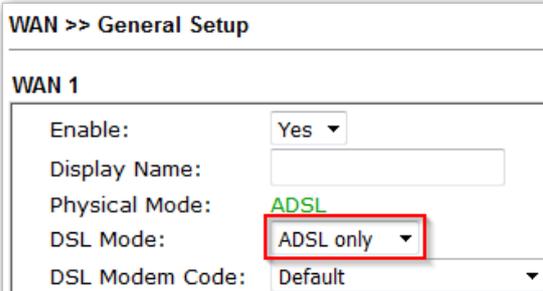
Improvements

1. Improved 5GHz wireless support
2. Improved support for integrated LTE models of the Vigor 2862 (i.e. Vigor 2862Ln)
3. Improved router's NTP update of current time on restart
4. Added "Enforce HTTPS Access" to router's HTTP management setting, which redirects management access over unencrypted HTTP to encrypted HTTPS
5. IPsec traffic was not passed correctly to a VPN server connected to a Routed LAN Subnet
6. Could not assign an IPv6 Static IP as an IPv6 WAN address using a prefix of /128
7. Firewall blocked large ICMPv6 packets incorrectly
8. A VLAN tag of 3 could not be specified on the WAN2 interface
9. Changing High Availability configuration to Hot Standby could cause unexpected behaviour from the WAN Config Sync settings
10. NAT loopback did not operate correctly when using [NAT] > [DMZ Host]
11. The router could respond to a port scan on TCP port 443 with the services that use TCP port 443 disabled (i.e. SSL VPN, HTTPS Management, DNS Filter)
12. Improved wording of Web Content Filter categories in web UI
13. When enabled DoS Defense could affect information displayed in [Online Status]
14. Improved Web Content Filtering algorithm to block Gmail when using the Chrome web browser with the Web Content Filter set to block "Web-based Mail" category
15. Improved App Enforcement algorithm for "Google Services" to block only Gmail and Google Drive
16. Route Policy Diagnostics would indicate an incorrect rule for Route Policies with a domain name specified as the destination

17. Improvements to handling of multiple subnets across a VPN tunnel, to avoid scenario where a VPN tunnel linking two DrayTek routers using LAN2 on each could result in traffic sometimes being forwarded to LAN1 subnet
18. WAN IP Alias addresses did not work correctly with ports opened in [NAT] > [Open Ports]

Known Issues

1. If experiencing an issue establishing an Internet connection on ADSL or ADSL2+ connections, set the WAN1 DSL Mode to "ADSL Only"



The screenshot shows the 'WAN >> General Setup' configuration page. Under the 'WAN 1' section, the following settings are visible:

Enable:	Yes
Display Name:	
Physical Mode:	ADSL
DSL Mode:	ADSL only
DSL Modem Code:	Default

The 'DSL Mode' dropdown menu is highlighted with a red box, and the 'ADSL' physical mode is highlighted in green.

2. Restoring a configuration from a Vigor 2860 is not possible with this firmware version. Upgrade to the 3.8.7 firmware to restore a configuration file from a Vigor 2860 router

Firmware Version	3.8.5_BT (Formal Release)
Release Type	Initial Release
Build Date	12 th May 2017
Release Date	12 th October 2017
Revision	65164
Applicable Models	Vigor2862, Vigor2862n, Vigor2862ac
VDSL Modem Code	779517
ADSL Modem Code	773F01
Locale	UK & Ireland Only

First Firmware Release for this model

New Features

(None)

Improvements

(None)

[END OF FILE]

