Release Notes for DrayTek Vigor2862 series (UK/Ireland)

| Firmware Version | 3.8.9.1_BT (Formal Release) |
|-------------------|---|
| Release Type | Regular – Upgrade recommended when convenient |
| | Note: A previous firmware (3.8.8.2_BT) was a critical release . This f/w |
| | includes all changes/improvements that were in 3.8.8.2_BT. |
| Build Date | 12 th June 2018 |
| Release Date | 19 th June 2018 |
| Revision | 74522 |
| Applicable Models | Vigor2862, Vigor2862n, Vigor 2862Ln, Vigor2862ac, Vigor 2862Lac, |
| | Vigor 2862Vac |
| VDSL Modem Code | 779517 |
| ADSL Modem Code | 773F01 |
| Locale | UK & Ireland Only |

Security Advisory

1. Check your DNS and DHCP settings on your router.

https://www.draytek.co.uk/support/security-advisories/kb-advisory-csrf-and-dns-dhcp-web-attacks

If you have a router supporting multiple LAN subnets, check settings for each subnet. Your DNS settings should be either blank, set to the correct DNS server addresses from your ISP or DNS server addresses of a server which you have deliberately set (e.g. Google 8.8.8.8). A known rogue DNS server is 38.134.121.95 - if you see that, your router has been changed.

New Features

- Firewall Filter rules can now be linked to specified LAN and WAN interfaces by selecting a
 Direction then clicking Advanced and selecting the interfaces that the Filter rule will affect
- 2. ISO 3166 Country objects configured in [Objects Setting] > [Country Object] menu can be applied as Source / Destination IP ranges in Firewall Filter rules
- 3. LAN IP Alias added to [LAN] > [General Setup] to define which WAN is used for outbound traffic by sending to a different Gateway address for the router
- 4. Support DrayOS IKEv1 IPsec XAuth as a VPN protocol for Remote Dial-In User VPN tunnels
- 5. Support for EAP Tunnelled Transport Layer Security (EAP_TTLS) security method added to [Applications] > [Local 802.1X General Setup].
- 6. Configuration backup / restore is now available for Remote Dial-In User and LAN-to-LAN profiles to back up all VPN profiles configured, separately from the main router configuration file
- 7. Larger certificate files now supported in [Certificate Management] > [Local Certificate] making it possible to include additional certificates required to complete a certificate chain
- 8. Support for mOTP and 2FA (two factor authentication) via e-mail/SMS added for remote management in [System Maintenance] > [Administrator Password]
- 9. When upgrading firmware, selecting a firmware file and clicking the "Preview" button will display details of the firmware selected

Improvements

- 1. Fixed the App Enforcement profile issue in 3.8.9 firmware
- 2. Fixed the Web UI Issue if Bandwidth Limit and Data Flow Monitor were enabled in 3.8.9 firmware
- 3. Factory Default configuration now enables WAN2 port instead of operating as LAN5 port
- 4. Support for VigorACS 2 version 2.3.0
- 5. Improved device compatibility with router's 5GHz WLAN and AES encryption
- 6. Layout of [WAN] > [Internet Access] > [Details Page] improved to group essential settings in the left pane, with additional / advanced options grouped in the right pane
- 7. Subnet Mask settings in the web interface now use a drop-down box for selection
- 8. The number of characters allowed in a text box, such as a username or password field, is now displayed in the web interface when no text is entered in that text box
- 9. Layout of [VPN and Remote Access] > [Connection Management] improved with separate tabs for active LAN-to-LAN and Remote Dial-In User VPN tunnels
- 10. Layout of [Bandwidth Management] > [Quality of Service] improved
- 11. DoS Defence moved to [Firewall] > [Defence Setup]
- 12. Anti-Spoofing Defence settings for IP and ARP spoofing added to [Firewall] > [Defence Setup]
- 13. Certificate import can now be performed via CLI using "mngt cert_import" command via URL
- 14. Removed deprecated CLI commands "ip dmz" and "ip aux [Join to NAT pool]"
- 15. Added "IPv6 Address Random Allocation" option for DHCPv6 Server settings
- 16. IKEv2 LAN to LAN VPN tunnels can specify these new Proposal options:
 - a. Diffie-Hellman (DH) Group 19 (256-bit Elliptic Curve)
 - b. Diffie-Hellman (DH) Group 20 (384-bit Elliptic Curve)
 - c. Diffie-Hellman (DH) Group 21 (512-bit Elliptic Curve)
- 17. [LTE models only] Improvements to LTE module operation
- 18. The Router Name set in [System Maintenance] > [Management] can be used as L2TP Client's Host name
- 19. Central AP Management profiles now have options to configure AP-assisted Client Roaming parameters
- 20. Support Channel Width selection on [Central Management] > [AP] > [WLAN Profile]
- 21. When upgrading firmware, selecting a firmware file and clicking the "Preview" button will display details of the firmware selected
- 22. Improvements to WAN Budget scheduling
- 23. Inter-LAN Routing table in [LAN] > [General Setup] now allows routing between LAN1 and DMZ when VLANs are not enabled
- 24. Improved load balancing algorithm for VoIP STUN and SIP connections will now remain on the same WAN interface by default
- 25. Session timeout values for SSH and Telnet can now be adjusted with "mngt telnettimeout/sshtimeout" CLI commands
- 26. Improved Bandwidth Limit operation when used in conjunction with QoS
- 27. If TR-069 was configured with STUN, the resulting UDP connection request address would still be sent to the TR-069 server after disabling STUN for TR-069
- 28. Unable to pass traffic through VPN when VPN Trunk Backup connection was resumed
- 29. The web interface did not accept IPv6 Object IP addresses ending with "::"

- 30. Improved warning notifications given when disabling LAN ports, USB ports, LEDs and buttons in [System Maintenance] > [Panel Control]
- 31. LTE status on [Dashboard] changed signal display of RSSI/RSRP to RSSI after auto refreshing
- 32. Syslog incorrectly displayed the password setting for WAN DHCP Client Identifier
- 33. The router could sent incorrect DNS queries if Syslog / Mail Alert was enabled
- 34. Improved VLAN Tag Insertion layout for [WAN] > [General Setup] > [WAN1]
- 35. Schedule entries are now selected from a drop-down box which displays each schedule entry number and configured Comment fields
- 36. Schedule entries configured to operate overnight did not work correctly
- 37. Improved handling of Firewall filter rules configured to operate on a schedule
- 38. Enabling Session Limit could block Internet connectivity for Remote Dial-In User VPN tunnel connections from VPN clients sending Internet traffic through the VPN tunnel
- 39. NAT Port Redirection entries configured through the CLI did not take effect unless disabled and re-enabled
- 40. NAT Port Redirection entries configured with TCP protocol could not be enabled
- 41. Improved USB storage handling, to better handle USB storage being unplugged while reading data from the USB for a user connected to the router's FTP server
- 42. Improved interoperability of the DHCP Relay function with Windows Server's DHCP server
- 43. DHCP Relay did not work with Remote Dial-In User VPN tunnels
- 44. Enabling "Allow management from the Internet" option for IPv4 could also enable this option for IPv6 Internet connections
- 45. Entering a Pre-Shared Key(PSK) containing "in [Wireless LAN] > [Security] would cause that settings page to display incorrectly
- 46. [Central AP Management] > [WLAN Profile] could not set TX Power for 5GHz WLAN
- 47. USB Disk could not be detected upon reconnection after disconnecting via WUI
- 48. Improved compatibility with "freedns.afraid.org" and "UBDDNS" Dynamic DNS providers
- 49. Log information could not be displayed for DtDNS Dynamic DNS hostname updates
- 50. The Domain Name "ddns.net" could not be selected when using No-IP.com Dynamic DNS
- 51. Added support for EntryDDNS Dynamic DNS provider
- 52. Unable to get DrayDDNS domain name after registering and activating the DrayDDNS license
- 53. TR-069 Packet Counters for LAN ports could still increment when the port was not in use
- 54. The "Don't Fragment" flag of an IP header was not processed correctly in all scenarios
- 55. Could not register Avaya phone [H.323] to IPPBX server through router's NAT
- 56. Multiple objects can now be selected configuring an object group
- 57. Added "Next" and "Previous" links on each object profile editing page
- 58. DHCP Broadcast packets from LAN clients could incorrectly be sent out through the WAN2 interface in some circumstances, affecting WAN2 connections using DHCP for IP allocation
- 59. DHCP server state of LAN Subnets could be displayed incorrectly on the [Dashboard]
- 60. Auto VoIP QoS is now applied to routed LAN subnets
- 61. Wireless clients could not communicate with wired clients in the same VLAN with a VLAN tag
- 62. Incoming RDP sessions cannot authenticate with Firewall configured for User-based mode
- 63. QoS LED could be incorrectly lit if QoS was enabled then disabled
- 64. Restart is no longer required for changes to [Applications] > [RADIUS/TACACS+] > [Internal Server] when enabling/disabling Internal Radius Server or modifying the Authentication List

- 65. Remote Dial-In User VPN connections could not access the Internet through the VPN tunnel if Hardware Acceleration was enabled on the router
- 66. Some IPv6 packets were incorrectly blocked by the IP Filter with rules configured to pass these IPv6 packets
- 67. Resolved display issue with Bind IP to MAC enable/disable setting in VigorACS 2
- 68. When the Interface LAN section is expanded on the [Dashboard], click on Host ID/Comment text to switch between ARP Table's Host ID and Bind IP to MAC's Comment
- 69. Added switching between viewing All Users and Online Users view in [User Management] > [User Online Status] by clicking on the text in the upper right
- 70. Bind IP to MAC was incorrectly limited to 300 entries instead of 1024
- 71. Increased Hotspot Web Portal profile Terms and Conditions Content field length to 1360 characters
- 72. Idle timeout value was not applied to Remote Dial-In User tunnels using SSL VPN
- 73. ARP Table displayed Comments incorrectly for some IP addresses i.e. x.x.x.10 would display the same comment as x.x.x.101
- 74. "CN" and "cn" values (Common Name Identifier) for LDAP now operate in the same way
- 75. PPPoE status messages were not displayed in [Physical Connection] > [Online Status]

Known Issues

- Currently detected WAN1 (ADSL or VDSL) throughput for Quality of Service is not displayed, instead displaying the default 100Mbps Up & 100Mbps Down. This is a display issue and does not affect the functionality of QoS
- 2. Important Note WAN2 Factory Default configuration:

The WAN2/LAN5 port is set to operate as the WAN2 port by default.

3.8.8BT and 3.8.8.2BT had the port operate as LAN5 by default. This only affects the factory default configuration, which is loaded upon pressing the router's Factory Reset button, or reflashing with .rst firmware. Existing WAN2/LAN5 port configuration will not be altered during the upgrade process.

To use this port as LAN5, it must be configured in [WAN] > [General Setup] > [WAN2] by changing the Enable setting of WAN2 to "Set as LAN".

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, <u>all settings will be wiped from your router</u>.

Modem Codes

There are six firmware variants available for download.

| Download Filename | Firmurara Filanama | Moder | Modem Code | |
|---------------------|-------------------------|--------|------------|--|
| Download Filename | Firmware Filename | VDSL | ADSL | |
| v2862_3891_BT.zip | v2862_3891BT_779517.all | 779517 | 773F01 | |
| v2862_3891_MDM2.zip | v2862_3891_77B506.all | 77B506 | 775401 | |
| v2862_3891_STD.zip | v2862_3891_776D07.all | 776D07 | 772801 | |

We recommend using firmware "v2862_3891BT_779F17.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 <u>unless</u> 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 | 3.8.9_BT (Not Released) |
|-------------------|---|
| Release Type | Regular – Upgrade recommended when convenient |
| | Note: A previous firmware (3.8.8.2_BT) was a critical release . This f/w |
| | includes all changes/improvements that were in 3.8.8.2_BT. |
| Build Date | 22 nd May 2018 |
| Release Date | - |
| Revision | 74033 |
| Applicable Models | Vigor2862, Vigor2862n, Vigor 2862Ln, Vigor2862ac, Vigor 2862Lac, |
| | Vigor 2862Vac |
| VDSL Modem Code | 779517 |
| ADSL Modem Code | 773F01 |
| Locale | UK & Ireland Only |

Security Advisory

1. Check your DNS and DHCP settings on your router.

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If you have a router supporting multiple LAN subnets, check settings for each subnet. Your DNS settings should be either blank, set to the correct DNS server addresses from your ISP or DNS server addresses of a server which you have deliberately set (e.g. Google 8.8.8.8). A known rogue DNS server is 38.134.121.95 - if you see that, your router has been changed.

New Features

(See Firmware 3.8.9.1)

Improvements

(See Firmware 3.8.9.1)

Known Issues

1. Important Note – WAN2 Factory Default configuration:

The WAN2/LAN5 port is set to operate as the WAN2 port by default. 3.8.8BT and 3.8.8.2BT had the port operate as LAN5 by default. This only affects the factory default configuration, which is loaded upon pressing the router's Factory Reset button, or reflashing with .rst firmware. Existing WAN2/LAN5 port configuration will not be altered during the upgrade process.

To use this port as LAN5, it must be configured in [WAN] > [General Setup] > [WAN2]. Set the Enable setting of WAN2 to "Set as LAN" and click OK. The WAN2/LAN5 port will operate as LAN5 once it has restarted.

2. The router cannot be managed from the Web UI if Bandwidth Limit is enabled on the router. This will be corrected in the next firmware release.

| Firmware Version | 3.8.8.2_BT (Formal Release) |
|-------------------|--|
| Release Type | Critical – Upgrade recommended immediately |
| Build Date | 18 th May 2018 |
| Release Date | 18 th May 2018 |
| Revision | 73942 |
| Applicable Models | Vigor2862, Vigor2862n, Vigor 2862Ln, Vigor2862ac, Vigor 2862Lac, |
| | Vigor 2862Vac |
| VDSL Modem Code | 779517 |
| ADSL Modem Code | 773F01 |
| Locale | UK & Ireland Only |

Security Advisory

1. Check your DNS and DHCP settings on your router.

https://www.draytek.co.uk/support/security-advisories/kb-advisory-csrf-and-dns-dhcp-web-attacks

If you have a router supporting multiple LAN subnets, check settings for each subnet. Your DNS settings should be either blank, set to the correct DNS server addresses from your ISP or DNS server addresses of a server which you have deliberately set (e.g. Google 8.8.8.8). A known rogue DNS server is 38.134.121.95 - if you see that, your router has been changed.

New Features

None

Improvements

1. This firmware includes improvements to harden the web interface against attacks. We have become aware of specific attacks against router, including DrayTek models where hackers have altered specific settings relating to your DNS servers and DHCP settings. You should urgently check those settings on your router. If they appear to have been tampered with, correct them and change your admin password and for any other config anomalies. Restore a config backup if you have one (from prior to the attack). We continue to investigate this issue but the first priority was to issue updated firmware.

Known Issues

1. Important Note – WAN2 Factory Default configuration:

The WAN2/LAN5 port is set to operate as a LAN port by default.

To use the port as WAN2 it must be enabled in [WAN] > [General Setup] > [WAN2]

| Firmware Version | 3.8.8_BT (Formal Release) |
|-------------------|---|
| Release Type | Regular – Upgrade recommended when convenient |
| Build Date | 14 th February 2018 |
| Release Date | 8 th March 2018 |
| Revision | 72016 |
| Applicable Models | Vigor2862, Vigor2862n, Vigor 2862Ln, Vigor2862ac, Vigor 2862Lac |
| VDSL Modem Code | 779517 |
| ADSL Modem Code | 773F01 |
| Locale | UK & Ireland Only |

New Features

 WAN2 (Ethernet) port can now operate as a LAN port when disabled in [WAN] > [General Setup] > [WAN2], for a total of 5 LAN ports, by selecting "No-Set as LAN" as the Enable option

Important Note – WAN2 Factory Default configuration:

The WAN2/LAN5 port is set to operate as a LAN port by default. To use the port as WAN2 it must be enabled in [WAN] > [General Setup] > [WAN2]

- 2. LAN ports, Wireless LAN button and Factory Reset button can now be enabled or disabled from [System Maintenance] > [Panel Control]
- 3. Router's status LEDs & port LEDs can be turned off or put into "LED Sleep Mode" when inactive, configured in [System Maintenance] > [Panel Control]
- 4. Wireless Pre-Shared Key can now be viewed when logged into the router's admin account. Click on the "***" text to reveal the password currently in use
- EAPOL Key Retry Enable/Disable setting added to [Wireless LAN (2.4GHz/5GHz)] > [Security]
 Disabling this setting can prevent WPA2 Key Reinstallation Attack (KRACK) attack vectors, for
 more details please read this security advisory:
 https://www.draytek.co.uk/information/our-technology/wpa2-krack-vulnerability
 (EAPOL Key Retry is set to Enabled by default and in previous firmware)
- 6. Full Bridge mode added to WAN1 (DSL) in Static or Dynamic IP section, to support forwarding packets with VLAN tags through the router's modem

Improvements

- 1. Unicode text codes can now be used in Hotspot Web Portal bulletin text
- 2. "None" option for Syslog in CSM (UCF/WCF/DNSF) profile is no longer used
- 3. Default WAN Connection Detection mode for PPPoE/PPPoA connections is now named "PPP Detect" instead of "ARP Detect"
- 4. Automatic monthly reset of User Profile time/data quotas (with monthly schedule entry)
- 5. Central AP Management could not query AP status correctly with management VLAN tag configured
- 6. Syslog & SMTP Server fields in [System Maintenance] > [Syslog/Mail Alert Setup] now allow up to 63 characters for longer hostnames
- 7. Web Syslog in [Diagnostics] > [Syslog Explorer] can now be used when "Syslog Server" is not enabled or configured in [System Maintenance] > [Syslog / Mail Alert]

- 8. RIP entries in the routing table received across the LAN and associated with a WAN interface were cleared from the routing table after 3 minutes when the WAN interface was disconnected
- 9. Internet Explorer browser could not successfully upload logo images for Hotspot Web Portal
- 10. Setting changes to the telnet command "adsl automode" to control the "Multimode" setting for ADSL modulation, were not kept when restarting the router
- 11. The router's DSL modem could still sync using ADSL2+ Annex M after removing "AnnexM" from the "Multimode" ADSL modulation using "adsl automode"
- 12. The "IP Routed Subnet" option could not be enabled in [Bandwidth Management] > [Bandwidth Limit]
- 13. Bandwidth Limit's effect on LAN to LAN VPN tunnels is toggled on/off with the "IP Routed Subnet" option
- 14. Bandwidth Limit was not applied correctly when using IP Groups
- 15. Bandwidth Limit was not applied to VPN traffic correctly in some configurations
- 16. Corrected a display issue that could occur when configuring a LAN subnet with a Subnet Mask of 255.255.0.0
- 17. DHCPv6 could incorrectly assign multiple IPv6 addresses from other LAN subnets
- 18. MyVigor DrayDDNS service status could incorrectly be displayed in red after updating information
- 19. [NAT] > [Open Port] settings could not be saved if a UDP port was specified that conflicted with a TCP management port
- 20. LAN to LAN VPN tunnels configured using the "Ipsec VPN with the Same Subnets" option enabled could not be saved in some configurations
- 21. [LTE models only] An LTE WAN with an active VPN connection could drop the LTE WAN interface after 5 hours due to inactivity
- 22. Enabling Session Limit could stop NAT port forwarding (Open Ports / Port Redirection / DMZ) from operating correctly
- 23. Quick Start Wizard could incorrectly allow configuration of a blank administrator password
- 24. Remote dial-in user name (with RADIUS authentication) was not correctly displayed on VigorACS 2 server (on Dashboard >> VPN Overview).
- 25. Resolved connectivity issue with 1483 Routed LLC Mode ADSL connections
- 26. Improved DNS caching behaviour with Web Content Filtering and DNS Filtering enabled

Known Issues

(None)

| 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

- 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. ISO 3166 Country objects added to [Objects Setting] menu for use with Route Policy to determine outbound connection used for IPs within a country's IP range
- 6. Improved session handling when using VPN Trunk in Weighted Round Robin mode
- 7. Improved DNS Security Domain Diagnosis function to utilise the router's DNS Cache
- 8. Corrected handling of DNS query responses with DNS Security enabled on the router
- 9. Improved Firewall's Session limit handling of Fragmented UDP packets on a Routed LAN
- 10. Restarting the router (via WUI, CLI), would drop and restart PPP connection before the router rebooted
- 11. [Product Registration] link did not work when connected to EE's 4G network

Known Issues

(None)

| 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

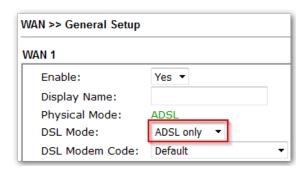
- 1. Support for extra TR-069 parameters
- 2. Support for Ethernet Bridge Mode on Ethernet WAN2
- 3. Added Users Information section to Hotspot Web Portal (requires USB storage to operate) to store details of users that have connected through the Hotspot Web Portal
- 4. Switch Management now supports 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
- 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

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



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)

<u>Improvements</u>

(None)

[END OF FILE]