

## **Release Notes for DrayTek Vigor 2760 series (UK/Ireland)**

Firmware Version	3.8.2.3_BT (Formal Release)
Release Type	<b>Regular</b> – Upgrade recommended when convenient Note: A previous firmware (3.8.2.2BT) was a <b>critical release</b> . This f/w includes all changes/improvements that were in 3.8.2.2BT.
Build Date	4 <sup>th</sup> July 2017
Release Date	2 <sup>nd</sup> August 2017
Revision	66630
Applicable Models	Vigor2760, 2760n, 2760Vn
ADSL Modem Code	572801 Annex A
VDSL Modem Code	576D17 BT
Locale	UK & Ireland Only

### **New Features in this Firmware**

1. Support for extra TR-069 parameters

### **Improvements in this firmware**

1. Resolved an issue with Hardware Acceleration that could cause problems with web browsing & TCP session handling
2. Added options in [System Maintenance] > [Management] to enable/disable HTTPS management via TLS 1.0, TLS 1.1 and TLS 1.2
3. Improved “vpn option” telnet command to specify WAN interface to connect through when configuring a Dial-Out VPN tunnel
4. Resolved an issue with NAT loopback when using [NAT] > [DMZ Host]
5. [Diagnostics] > [Ping Diagnosis] displayed output incorrectly when pinging through a VPN tunnel
6. LAN clients can no longer access the router management interface(s) outside of their own VLAN

### **Known Issues**

(None)

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### **IMPORTANT NOTE – DrayOS & Linux Firmware Versions**

This firmware version is only suitable for Vigor 2760 Series units which are already running DrayOS ('Delight') firmware, which is firmware 3.5.7 or later. For more information see the UK Knowledgebase article here:

<http://www.draytek.co.uk/support/guides/os-versions-on-vigor-2760-series-routers>

If you have a unit with firmware 1.x.x, please download firmware for that O/S instead. Firmwares are not compatible with each other.

### **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.

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Firmware Version	3.8.2.2BT (Formal Release)
Release Type	<b>Critical</b> – Upgrade recommended immediately
Build Date	7 <sup>th</sup> December 2016
Release Date	11 <sup>th</sup> January 2017
Revision	61082
Applicable Models	Vigor2760, 2760n, 2760Vn
ADSL Modem Code	572801 Annex A
VDSL Modem Code	576D17 BT
Locale	UK & Ireland Only

### **New Features in this Firmware**

(None)

### **Improvements in this firmware**

1. Security improvements including one or more considered critical.

### **Known Issues**

1. On VDSL, if experiencing delays in web browsing then disable H/W Acceleration via [Hardware Acceleration] > [Setup].  
This will not impact the throughput performance.

Firmware Version	3.8.2.1_BT (Formal Release)
Build Date	12th September 2016
Release Date	26th October 2016
Applicable Models	Vigor2760, 2760n, 2760Vn
Modem Code	VDSL 576D17 / ADSL 572801
Locale	UK Only

### **New Features**

1. Support for SSL VPN Remote Dial-In-User connections (up to 2 simultaneous tunnels)
2. [Wireless LAN] SSIDs now support individual Schedules
3. Router's SSH command line interface now supports RSA-based key exchange to improve client compatibility
4. Certificates generated by the router now support 2048-bit Key Size

### **Improvements**

1. TCP/IP SYN+FIN packet filtering improved
2. Web Portal Message page can now require the user to click a button to proceed to internet access
3. DrayTek SMB client (for USB storage attached to the router) improved to support "Windows 10" and "Ubuntu 14.04" clients
4. Web interface improved to protect against Cross-Site-Request-Forgery attacks
5. Bridge mode (pass-through) for WAN1 VDSL did not work correctly when VLAN tag was enabled on the WAN interface
6. Bridge mode (pass-through) for WAN1 ADSL did not work correctly
7. PPPoE pass-through mode for WAN1 VDSL did not work correctly

### **Known Issue**

1. On VDSL, if experiencing delays in web browsing then disable H/W Acceleration via [Hardware Acceleration] > [Setup]. This will not impact the throughput performance.

Firmware Version	3.8.1 (Formal Release)
Build Date	2nd November 2015
Release Date	4th December 2015
Applicable Models	Vigor2760, 2760n, 2760Vn
Modem Code	VDSL 574307 / ADSL 571801
Locale	UK Only

### **New Features**

1. Support for RFC4638 for MTU of 1500 on PPPoE WAN interface
2. Path MTU detection added to simplify correct MTU detection
3. WAN1 PPPoE/PPPoA now supports Fallback account, used if the primary details are unable to establish a working connection
4. WAN Connection Detection - Ping Detect now supports Primary/Secondary Ping IP, Interval & Retry parameters
5. Multi-WAN & Multi-LAN IPv6 now supported
6. DrayTek SMB protocol stack
7. [System Maintenance] > [Management] now support Captcha validation for Internet / LAN access to router Login page
8. URL Content Filter Profiles now have Exception List option
9. LAN DNS entries now support CNAME (Domain Alias)
10. DNS Filter now links to firewall, can be applied from [Firewall] > [General Setup] Default Rule or via a filter rule
11. Support Multi-WAN backup
12. Support SMB File Sharing of connected USB storage
13. Support TLS 1.2

### **Improvements**

1. [Web Portal] feature improvements
2. IGMP was not being encapsulated in PPPoE when using IPTV virtual WAN in routing mode
3. Improvements to the telnet command "srv nat openport"

### **Known Issue**

1. On VDSL, if experiencing delays in web browsing then disable H/W Acceleration via [Hardware Acceleration] > [Setup]. This will not impact the throughput performance.

Firmware Version	3.7.8.2 (Formal Release)
Build Date	20th May 2015
Release Date	20th June 2015
Applicable Models	Vigor2760, 2760n, 2760Vn
Modem Code	VDSL 574307 / ADSL 571801
Locale	UK Only

### **New Features**

1. Support for G.INP (G.998.4 TX and RX retransmission, requires 574307 modem code).
2. Vectoring (using modem code 574307).

### **Improvements**

1. Updated wireless default profile parameters to comply with EN300328 certification.
2. Improved router's SYN attack protection.
3. Using PPPoE with WAN1 would not work if the VLAN tag was set as "2".
4. Disabled insecure renegotiation on SSL.
5. Improved the telnet command 'object sms'.
6. Improved the telnet command 'show dns' to support Multi-LAN subnets.

### **Known Issue**

1. On VDSL, if experiencing delays in web browsing then disable H/W Acceleration via [Hardware Acceleration] > [Setup]. This will not impact the throughput performance.

Firmware Version	3.7.8 (Formal Release)
Build Date	29th December 2014
Release Date	4th February 2015
Applicable Models	Vigor2760, 2760n, 2760Vn
Locale	UK Only

### **New Features**

1. Added the DNS filter object in [Firewall]-[General Setup] which allows the DNS filter to be applied using filter rules. DNS filter can now use either URL or WCF filter profiles.
2. Configuration backup [System Maintenance]-[Configuration Backup] can be password protected

### **Improvements**

1. SSL3 now disabled in favour of TLS by default for web management.
2. Improvements to the [System Maintenance]-[SNMP] management settings.

Firmware Version	3.7.5.4 (Formal Release)
Build Date	23rd September 2014
Release Date	1st October 2014
Applicable Models	Vigor2760, 2760n, 2760Vn
Locale	UK Only

### **New Features**

(None)

### **Improvements**

1. Corrected VLAN Tag on WAN
2. Improvements to NAT for Sure Signal type devices



Firmware Version	3.7.5.2 (Formal Release)
Build Date	18th June 2014
Release Date	26th June 2014
Applicable Models	Vigor2760, 2760n, 2760Vn
Locale	UK Only

### **New Features**

(None)

### **Improvements**

1. Updated OpenSSL for CVE-2014-0224 CCS
2. Improved: Support all telnet commands in WEB console GUI.
3. Support Huawei E3131, Huawei E3276 and ZTE MF823 USB dongles.
4. Support ping diagnostic TR069 parameter

Firmware Version	3.7.5.1 (Formal Release)
Build Date	24 <sup>th</sup> April 2014
Release Date	25th May 2014
Applicable Models	Vigor 2760, 2760n, 2760Vn
Locale	UK / Ireland

**\*\*\* Must already have f/w 3.7.5 or later installed \*\*\***

**None - This is the first issue of DrayOS firmware**

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