

Release Notes for DrayTek Vigor2762 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	20 th June 2018
Revision	74550
Applicable Models	Vigor2762, Vigor2762n, Vigor2762ac, Vigor 2762Vac
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

1. 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. Support DrayOS IKEv1 IPsec XAuth as a VPN protocol for Remote Dial-In User VPN tunnels
3. 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
4. Larger certificate files now supported in [Certificate Management] > [Local Certificate] making it possible to include additional certificates required to complete a certificate chain

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. Web UI could not be accessed via HTTPS after restoring a config file from the Vigor 2760 onto a Vigor 2762
4. Support for VigorACS 2 version 2.3.0
5. 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
6. Subnet Mask settings in the web interface now use a drop-down box for selection

7. 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
8. Layout of [VPN and Remote Access] > [Connection Management] improved
9. Layout of [Bandwidth Management] > [Quality of Service] improved, WAN1 Bandwidth is now configured manually
10. DoS Defence moved to [Firewall] > [Defence Setup]
11. Anti-Spoofing Defence settings for IP and ARP spoofing added to [Firewall] > [Defence Setup]
12. Certificate import can now be performed via CLI using "mngt cert_import" command via URL
13. Added "IPv6 Address Random Allocation" option for DHCPv6 Server settings
14. Improved VLAN Tag Insertion layout for [WAN] > [General Setup] > [WAN1]
15. 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)
16. The Router Name set in [System Maintenance] > [Management] can be used as L2TP Client's Host name
17. Central AP Management profiles now have options to configure AP-assisted Client Roaming parameters
18. Support Channel Width selection on [Central Management] > [AP] > [WLAN Profile]
19. When upgrading firmware, selecting a firmware file and clicking the "Preview" button will display details of the firmware selected
20. Improvements to WAN Budget scheduling
21. Session timeout values for SSH and Telnet can now be adjusted with "mngt telnettimeout/sshtimeout" CLI commands
22. Improved warning notifications given when disabling LAN ports, USB ports, LEDs and buttons in [System Maintenance] > [Panel Control]
23. The router could sent incorrect DNS queries if Syslog / Mail Alert was enabled
24. Schedule entries are now selected from a drop-down box which displays each schedule entry number and configured Comment fields
25. Improved handling of Firewall filter rules configured to operate on a schedule
26. 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
27. Enabling "Allow management from the Internet" option for IPv4 could also enable this option for IPv6 Internet connections
28. [Central AP Management] > [WLAN Profile] could not set TX Power for 5GHz WLAN
29. Improved compatibility with "freedns.afraid.org" and "UBDDNS" Dynamic DNS providers
30. Log information could not be displayed for DtDNS Dynamic DNS hostname updates
31. The Domain Name "ddns.net" could not be selected when using No-IP.com Dynamic DNS
32. Added support for EntryDDNS Dynamic DNS provider
33. TR-069 Packet Counters for LAN ports could still increment when the port was not in use
34. Multiple objects can now be selected configuring an object group
35. Added "Next" and "Previous" links on each object profile editing page
36. 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

- 37. Remote Dial-In User VPN connections could not access the Internet through the VPN tunnel if Hardware Acceleration was enabled on the router
- 38. Idle timeout value was not applied to Remote Dial-In User tunnels using SSL VPN
- 39. 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

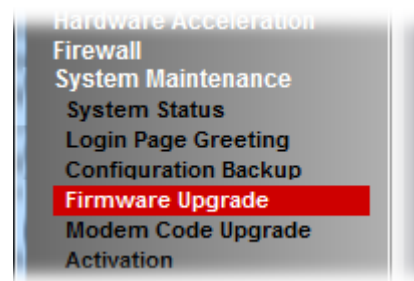
Firmware File Types

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	3.8.9_BT (Not Released)
Build Date	29 th May 2018
Release Date	-
Revision	74142
Applicable Models	Vigor2762, Vigor2762n, Vigor2762ac
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

(See Firmware 3.8.9.1)

Improvements

(See Firmware 3.8.9.1)

Known Issues

1. 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	Vigor2762, Vigor2762n, Vigor2762ac
VDSL Modem Code	779517
ADSL Modem Code	773F01
Locale	UK & Ireland Only

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.

Firmware Version	3.8.8_BT (Formal Release)
Release Type	Initial Release
Build Date	14 th February 2018
Release Date	11 th April 2018
Revision	72013
Applicable Models	Vigor2762, Vigor2762n, Vigor2762ac
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]

