Release Notes for DrayTek Vigor2765 series (UK/Ireland)

Firmware Version	4.4.0_BT (Formal Release)
Release Type	**Regular** – Upgrade recommended when convenient
Build Date	25th November 2021
Release Date	30th December 2021
Revision	2890_79d39042b
Applicable Models	Vigor2765, Vigor2765ac, Vigor 2765Vac
VDSL Modem Code	8D1B17
ADSL Modem Code	8D0E11
Locale	UK & Ireland Only

New Features

1. Support for IKEv2 fragmentation to improve IKEv2 EAP compatibility
2. Router's DNS server feature can record one domain with multiple IP addresses
3. App-level Bandwidth Limits (e.g. Teams, OneDrive, Steam) can now be configured from [Bandwidth Management] > [Bandwidth Limit] > [APP]
4. Inbound QoS now supports Hardware Accelerated operation
5. [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
6. 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
7. Support for network monitoring protocol IPFIX (Netflow)
8. Firewall can restrict/drop unwanted inbound WAN traffic such as VPN requests
9. SNMP 'ifLastChange' is now supported for WAN and LAN port uptime (Physical port link up/down detection)
10. Webhook feature can now be enabled in [System Maintenance] > [Webhook] to send periodic keepalive / heartbeat messages to a monitoring server
11. Cache password for auto reconnect option added on the [VPN and Remote Access] > [OpenVPN] > [Client Config] page
12. New VDSL modem code 8D1C17 added in MDM4 firmware

Improvements

1. 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
2. Hardware Acceleration is now enabled by default for new routers & factory default settings
3. Exception list added to [Hardware Acceleration]
4. Updated MyVigor authentication method used for Web Content Filter license validation

5. Improved performance for Hotspot Web Portal
6. Wake on LAN via WAN did not work after rebooting the router
7. Syslog now reports more details for unsuccessful OpenVPN connections
8. Hostnames are also supported in the remote management ACL
9. Function priority and default value change for DoS & Bandwidth Limit and HW NAT settings
10. When Brute Force Protection is disabled, service options are greyed-out (ticked by default)
11. In some circumstances Conditional DNS Forwarding did not work
12. Improved mesh network connectivity
13. Fixed a display issue with Basic Configuration Sync in the Mesh setup section
14. Self-sign certificate renewal mechanism improvements related to DrayDDNS Let's Encrypt
15. Disabling a static route could disable the default route entry
16. MDM3 firmware was affected by an issue where switching to ADSL modem code for synchronising did not work
17. After the firmware upgrade, router could stop responding if VoIP call, and VLAN configuration were in use
18. Self-signed certificate will now automatically regenerate before expiring
19. 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 five firmware variants available for download.

Download Filename	Firmware Filename	Modem Code	
		VDSL	ADSL
v2765_440_BT.zip	v2765_440BT_8D1B17.all	8D1B17	8D0E11
v2765_440_MDM0.zip	v2765_440_8B0F07.all	8B0F07	8B0701
v2765_440_MDM1.zip	v2765_440_8B1117.all	8B1117	8B0701
v2765_440_MDM2.zip	v2765_440_8D1917.all	8D1917	8D0C11
v2765_440_MDM3.zip	v2765_440_77C717.all	77C717	8D0C11
v2765_440_MDM4.zip	v2765_440_8D1C17.all	8D1C17	8D0E11

We recommend using firmware "v2765_440BT_8D1B17.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	4.3.2.1_BT (Formal Release)
Release Type	**Regular** – Upgrade recommended when convenient
Build Date	26th October 2021
Release Date	10th November 2021
Revision	10746_1812_a560c17e45
Applicable Models	Vigor2765, Vigor2765ac, Vigor 2765Vac
VDSL Modem Code	8D1B17
ADSL Modem Code	8D0E11
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
4. MDM3 firmware could not switch to ADSL modem code

Known Issues

(None)

Firmware Version	4.3.1.2_BT (Formal Release)
Release Type	**Regular** – Upgrade recommended when convenient
Build Date	28th June 2021
Release Date	30th July 2021
Revision	8511_1798_42887b3b41
Applicable Models	Vigor2765, Vigor2765ac, Vigor 2765Vac
VDSL Modem Code	8D1B17
ADSL Modem Code	8D0E11
Locale	UK & Ireland Only

New Features

(None)

Improvements

1. Wireless security configuration improvements related to encrypted WDS mode

Known Issues

(None)

Firmware Version	4.3.1.1_BT (Formal Release)
Release Type	**Regular** – Upgrade recommended when convenient
Build Date	27th May 2021
Release Date	11th June 2021
Revision	8000_1797_5da3b79358
Applicable Models	Vigor2765, Vigor2765ac, Vigor 2765Vac
VDSL Modem Code	8D1B17
ADSL Modem Code	8D0E11
Locale	UK & Ireland Only

New Features

(None)

Improvements

1. Update WiFi security for CVE-2020-26139 to CVE-2020-26145, and for CVE-2020-24586 to CVE-2020-24588

Known Issues

(None)

Firmware Version	4.3.1_BT (Formal Release)
Release Type	**Regular** – Upgrade recommended when convenient
Build Date	26th April 2021
Release Date	20th May 2021
Revision	6988_1790_7d830fb99
Applicable Models	Vigor2765, Vigor2765ac, Vigor 2765Vac
VDSL Modem Code	8D1B17
ADSL Modem Code	8D0E11
Locale	UK & Ireland Only

New Features

1. Mesh is now available on Vigor 2765 routers with wireless (ac,Vac)
2. Added support for multi-language WUI
3. Hardware acceleration with QoS
4. WPA3/OWE for wireless LAN 2.4G/5G clients
5. TOTP 2-factor authentication (Google Authenticator) is now available for authenticating web interface administrator access from the Internet

Improvements

1. VPN Graph is now available in the [Diagnostics] section
2. Full wildcards can be used with DNS Forwarding settings
3. The LAN DNS / DNS Forwarding configuration profiles improvements
4. Colour labels added for different port speeds on the [Dashboard]
5. API String updated for "VibeActiveMedia.com" on SMS profile list
6. Added support for two ISP accounts (PPPoE/PPPoA) with the same WAN interface
7. A warning message will appear for reused IP object / IP Group profile that has already been used by other applications
8. A hostname can be used on 'Access List from the Internet' on [System Maintenance] > [Management] page
9. LAN DNS did not work properly with previous 4.2.3 firmware
10. Restoring a VPN backup file did not work
11. Improved the keyword group configuration via telnet
12. The DHCP IP pool count allowed only 3 addresses for "/29" IP Routed Subnet
13. Interfaces selected in a Filter Rule Direction (Advanced) remained unselected after saving
14. Incorrect time zone used for Mail Alert and Notification Mail when Daylight Saving was enabled
15. Schedules can now be applied to profiles for VPN Remote Dial-In

Firmware Version	4.2.3_BT (Formal Release)
Release Type	**Initial Release**
Build Date	19th February 2021
Release Date	23rd March 2021
Revision	4586_777_90c1a38
Applicable Models	Vigor2765, Vigor2765ac, Vigor 2765Vac
VDSL Modem Code	8D1B17
ADSL Modem Code	8D0E11
Locale	UK & Ireland Only

First Firmware Release for this model

New Features

(None)

Improvements

(None)

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