Release Notes for DrayTek Vigor 2832 (UK/Ireland)

Firmware Version	3.8.8
Release Type	**Regular** – Upgrade recommended when convenient
Release Date	12th February 2018
Build Date	19th January 2018
Applicable Models	Vigor2832, Vigor2832n
Revision	71280
ADSL Modem Code	661701
Locale	UK Only / Annex A Only

New Features

(None)

Improvement

1. Improvements to [CSM] > [Web Content Filter Profile] / [URL Content Filter Profile] > [App Enforcement Profile] / [DNS Filter] menus
2. Firmware could only be upgraded through Firmware Upgrade Utility 3.6.6 when router was manually put into TFTP mode
3. Resolved an issue that could cause Bind IP to MAC to operate incorrectly in some configurations

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	3.8.7
Release Type	**Regular** – Upgrade recommended when convenient
Release Date	3rd January 2018
Build Date	1st December 2017
Applicable Models	Vigor2832, Vigor2832n
Revision	70316
ADSL Modem Code	661701
Locale	UK Only / Annex A Only

New Features

1. Supported LAN subnet size increased to 1023 IP addresses per subnet (/22)
2. Support for IPsec IKEv2 for LAN to LAN tunnels and Remote Dial-in User VPN clients that support Pre-Shared-Key authentication
3. 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)
4. LAN Access Control can now disable management interface(s) for LAN1
5. Firewall configuration can be backed up / restored from [Firewall] > [General Setup]
6. WAN Failover in [WAN] > [General Setup] now supports Failover by Traffic Threshold

Improvement

4. When a wireless client attempts to authenticate with the router's wireless network, syslog will now send messages for WPA2's 4-way handshake, to allow for troubleshooting of the new "EAPOL Key Retries" setting
5. IPv6 WAN interface connection detection mode now defaults to "Always On"
6. Improvements to the interface of the [Applications] > [Local 802.1X General Setup] page
7. Changing the router's HTTP or HTTPS management ports could stop the DNS Filter block message from being displayed
8. Improved LDAP server interoperability when authenticating L2TP with IPsec connections
9. Port forwarding through [NAT] > [Open Ports] could stop working with some network configurations
10. DDNS Syslog information could report WAN status incorrectly
11. PPTP VPN connections could not be successfully authenticated with TACACS+
12. Enabling Session Limit could stop NAT port forwarding (Open Ports / Port Redirection / DMZ) from operating correctly

Known Issues

(None)

Firmware Version	3.8.3.5
Release Type	**Regular** – Upgrade recommended when convenient
Release Date	10th August 2017
Build Date	18th July 2017
Applicable Models	Vigor2832, Vigor2832n
Revision	67044
ADSL Modem Code	661701
Locale	UK Only / Annex A Only

New Features

1. Support for extra TR-069 parameters
2. Router auto-generates unique Self-Signed Certificate for HTTPS [System Maintenance] > [Self-Signed Certificate]

Improvement

1. TLS_RSA_WITH_3DES_EDE_CBC_SHA cipher disabled for SSL VPN & HTTPS management
2. LAN clients can no longer access the router management interface(s) outside of their own VLAN
3. Route Policies could not apply in NAT mode to Static & Dynamic IP mode WAN interface(s)
4. Improved Content Filtering of Youtube when accessed through the Google Chrome browser
5. Resolved an issue with NAT loopback when forwarding to WAN IP Alias addresses
6. Improved SIP ALG functionality with NAT loopback
7. [Diagnostics] > [Ping Diagnosis] displayed output incorrectly when pinging through a VPN tunnel
8. [Hotspot Web Portal] could not redirect to specified URL when using SMS login method
9. LAN DNS is no longer case sensitive
10. When SSL VPN service port was disabled, TCP 443 could be detected on WAN side (but no access permitted)
11. Route Policy Diagnostics would indicate an incorrect rule for Route Policies with a domain name specified as the destination

Known Issues

(None)

Firmware Version	3.8.3.4
Release Type	**Regular** – Upgrade recommended when convenient Note: The previous firmware (3.8.3.3) was a **critical release**. This f/w includes all changes/improvements that were in 3.8.3.3.
Release Date	13th April 2017
Build Date	22nd March 2017
Applicable Models	Vigor2832, Vigor2832n
Revision	63523
ADSL Modem Code	661701
Locale	UK Only / Annex A Only

New Features

1. [Hotspot Web Portal] replaces [LAN] > [Web Portal Setup]
2. Support for [Wireless LAN] > [Airtime Fairness] added
3. Central AP Management over VPN support added, manage VigorAPs connected to a remote Vigor 2832 series router from a Vigor router that supports Central AP Management
4. SIP ALG can be configured in the web interface from [NAT] > [ALG]

Improvement

1. PPTP VPN's Dial-In PPP Authentication can now limit connections to "MS-CHAPv2 Only"
2. NAT Loopback did not work when connecting to Routed LAN interfaces
3. 2.4GHz wireless driver updated
4. Improvements to NAT & Routing throughput performance
5. WAN Budget could not send alerts for WAN interfaces with Hardware Acceleration enabled
6. Resolved an issue with DNS SEC that affected DNS resolution for Dial-In VPN clients
7. The router did not process RIP packets correctly for interfaces with RIP enabled
8. Resolved an issue with VLAN tags in some network configurations

Known Issues

(None)

Firmware Version	3.8.3.3
Release Type	**Critical** – Upgrade recommended immediately
Release Date	20th December 2016
Build Date	6th December 2016
Applicable Models	Vigor2832, Vigor2832n
ADSL Modem Code	661701
Locale	UK Only / Annex A Only

New Features in this Firmware

(None)

Improvements in this firmware

1. Security improvements including one or more considered critical.
2. Misc. minor WUI changes/corrections.

Known Issues

(None)

Firmware Version	3.8.3.2
Release Type	**Regular** – Upgrade recommended when convenient
Release Date	10th October 2016
Build Date	23rd September 2016
Applicable Models	Vigor2832, Vigor2832n
ADSL Modem Code	661701
Locale	UK Only / Annex A Only

New Features

1. Support for [Hardware Acceleration] of WAN2
2. Support for new firmware availability notification
3. Device name is now displayed in notification emails sent by the router
4. Improved HW acceleration functionality to allow Hardware Accelerated data to display in WAN Budget, Traffic Graph, Data Flow Monitor and Online Status
5. The router's Online Status can display "Remote DSL" information from a Vigor 130 or Vigor 120v2 modem connected to the router's WAN ports
6. Added [NAT] > [ALG] menu to configure the router's SIP ALG (Application Layer Gateway) functionality
7. [Applications] > [Schedule] re-designed to simplify management of schedules

Improvements

1. Added an option to change TTL value for WAN2 to improve compatibility with some ISPs
2. Support for configuring TR-069 URL via DHCP option 43 added to [System Maintenance] > [TR-069]
3. TR-069 parameters added to allow configuring [NAT] > [DMZ Host] WAN Alias IPs through VigorACS
4. Added options in [System Maintenance] > [Management] to disable HTTPS management via TLS 1.0, TLS 1.1 or TLS 1.2
5. Improvements to [WAN] > [WAN Budget] web interface
6. Improved interoperability of Ethernet WAN2 interface
7. [VoIP models] Additional WAN registration options added for SIP accounts
8. Resolved an issue that could stop Bandwidth Limit from working if the Firewall was disabled
9. QoS bandwidth mechanism improved for low bandwidth values

Known Issues

(None)

Firmware Version	3.8.3.1
Release Date	13th June 2016
Build Date	1st March 2016
Applicable Models	Vigor2832, Vigor2832n
ADSL Modem Code	661701
Locale	UK Only / Annex A Only

First Firmware Release for this model

Known Issues

(None)

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