

Release Notes for DrayTek Vigor2135ax series (UK/Ireland)

Firmware Version	4.4.5.3 (Formal Release)
Release Type	Critical – Upgrade recommended immediately
Build Date	29 th July 2024
Release Date	13 th August 2024
Revision	5611_5d17be0def
Applicable Models	Vigor2135ax
Locale	UK & Ireland Only

New Features

(None)

Improvements

1. Web GUI security improvements

Known Issues

1. Do not downgrade the firmware to 4.2.1, if subnets 3 and 4 are enabled
2. Some wireless clients might encounter unexpected trouble (e.g., unable to use the printer on LAN) while accessing the Internet if the hardware acceleration is enabled.

To skip hardware acceleration for certain devices, the following telnet command can be used:

```
ppa -E -e 1  
ppa -E -a AA:BB:CC:XX:XX:XX nat|bridge|ipsec
```

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	4.4.5.1 (Formal Release)
Release Type	Regular – Upgrade recommended when convenient
Build Date	27 th June 2024
Release Date	9 th August 2024
Revision	5524_ea9ddf03f7
Applicable Models	Vigor2135ax
Locale	UK & Ireland Only

New Features

(None)

Improvements

1. Password mechanism changed to force admin to change the password from the default password
2. Compatibility with RFC4028 standard to prevent SIP registration errors from repeated attempts
3. The DFS wireless channels can be excluded for the Wireless LAN Auto Channel Select option
4. The minimum RSSI option added for Band Steering
5. Customised http port option added for user-defined DDNS
6. Discord added to the [CMS] > [APP Enforcement] profiles
7. Improvements to the TR-069 file transfer process (the FIN / ACL won't be sent when the TransferCompleteResponse is received from VigorACS)
8. WAN Failover mechanism improvements
9. In some circumstances router could stop responding when QoS was enabled
10. The display issue could occur when the time zone was set to Athens
11. In some cases HTTPS access wasn't working via LAN to LAN VPN NAT IP
12. Improvements to the Hotspot Web Portal feature that could stop working after some time
13. Fix for the setup of the SIP account when applied by provisioning
14. Fix for the issue where adding more remote subnet settings did not work for LAN to LAN VPN profiles
15. WireGuard dial-in profile could not be saved due to a username error
16. The router could stop responding when airplay was used by Wi-Fi connected devices
17. Improvements to the [Firewall] > [Defense Setup] IP White/Black List page
18. The router would stay in the boot loop after the firmware upgraded via VigorACS, when the system parameter 15 was enabled

19. Router was replying the 'ICMP fragment needed' packet with the wrong source port when receiving an SIP INVITE packet size greater than 1492 bytes with DF flag

Known Issues

3. Do not downgrade the firmware to 4.2.1, if subnets 3 and 4 are enabled
4. Some wireless clients might encounter unexpected trouble (e.g., unable to use the printer on LAN) while accessing the Internet if the hardware acceleration is enabled.

To skip hardware acceleration for certain devices, the following telnet command can be used:

```
ppa -E -e 1  
ppa -E -a AA:BB:CC:XX:XX:XX nat|bridge|ipsec
```

Firmware Version	4.4.3.2 (Formal Release)
Release Type	Critical – Upgrade recommended immediately
Build Date	4 th March 2024
Release Date	6 th June 2024
Revision	4881_1f760399bf
Applicable Models	Vigor2135ax
Locale	UK & Ireland Only

New Features

(None)

Improvements

1. Web GUI security improvements (CVE-2024-23721)
2. Login to the GUI could fail when WAN was up

Known Issues

1. Do not downgrade the firmware to 4.2.1, if subnets 3 and 4 are enabled
2. Some wireless clients might encounter unexpected trouble (e.g., unable to use the printer on LAN) while accessing the Internet if the hardware acceleration is enabled.

To skip hardware acceleration for certain devices, the following telnet command can be used:

```
ppa -E -e 1  
ppa -E -a AA:BB:CC:XX:XX:XX nat|bridge|ipsec
```

Firmware Version	4.4.3 (Formal Release)
Release Type	Regular – Upgrade recommended when convenient
Build Date	2 nd October 2023
Release Date	9 th November 2023
Revision	4859_7393299158
Applicable Models	Vigor2135ax
Locale	UK & Ireland Only

New Features

1. Support for the new WCF provider – URL Reputation. If you have an existing activate licence, then this will be upgraded to the URL Reputation licence
2. Support for WireGuard VPN
3. TOTP 2-factor authentication (Google Authenticator) is now available for authenticating Remote Dial-In User VPN connections
4. Added support for DWM-222 USB dongle
5. Mesh is now available on Vigor 2135ax routers
 - a. Set up Mesh initially from the [Wizards] > [Mesh Wizard] menu
 - b. Configurable from the [Mesh] menu
 - c. Supports Mesh Root mode
6. Support for VoIP(SIP)/TR-069 over IPv6
7. Added support for QoS packet priority
8. Upload of the certificate chain PKC 12 files is now supported
9. Customised logo can be displayed on the login greeting page

Improvements

1. All VPN services are now disabled by default
2. The 'VPN' interface can be selected on the [NAT] > [Open Port] pages
3. New TR-069 parameters added for Alias-Based and Instance Wildcards
4. Support for HTTP compression to reduce the TR-069 payload size
5. The admin password on AP Management WLAN profile can exceed 16 characters
6. The default SSID name syntax is now based on any characters and the 6-digits suffix of the LAN MAC address, e.g., *DrayTek-xxxxxx*
7. Improvements to the Web GUI Security
8. Support for additional SMS commands
9. Support for writable/read-only TR-069 parameters notes
10. Improvements to the mechanism handling DNS PTR records
11. In some circumstances the DHCP relay did not work
12. The router did become inactive after WAN IPv6 was renew
13. Fixed the Bridge VLAN over mesh network connectivity
14. Fixed an issue that could result in 'Firmware Damage' being reported when upgrading from VigorACS
15. Improvements to the issue with empty .json response for CPE when using VigorACS API
16. In some circumstances graphs displayed on the VigorACS page would show gaps
17. The WPS button would not enable nor disable the wireless bands

18. The VoIP QoS graph would begin recording with a delay
19. The router could stop responding when L2TP with IPsec (LAN to LAN) VPN profile was created
20. The Let's Encrypt certificate could not be renewed automatically
21. Fixed an issue with the key data loss for OpenVPN client config file when exported from VigorACS
22. When OpenVPN to Pfsense was established, the push route from the server could not be completed
23. Fixed an issue with error message of HTTP Content Error that would appear while trying to import ovpn (OpenVPN) file
24. The router could stop responding when IKEv2 re-dialled and the local ID was set to 32 characters
25. The Firmware Damage state would remain after uploading the wrong file (file size 0)
26. The Smart VPN Client 2FA window did not appear when using IKEv2 EAP and any router LAN IP address except the first one

Known Issues

Do not downgrade the firmware to 4.2.1, if subnets 3 and 4 are enabled

Firmware Version	4.4.2.1 (Formal Release)
Release Type	Critical – Upgrade recommended immediately
Build Date	10 th January 2023
Release Date	3 rd March 2023
Revision	3596_a57ba5a9ff
Applicable Models	Vigor2135ax
Locale	UK & Ireland Only

New Features

(None)

Improvements

1. Improvements to the Web GUI Security (CVE-2023-23313)

Known Issues

(None)

Firmware Version	4.4.2 (Formal Release)
Release Type	Initial Release
Build Date	25 th May 2022
Release Date	1 st February 2023
Revision	3596
Applicable Models	Vigor2135ax
Locale	UK & Ireland Only

First Firmware Release for this model

New Features

(None)

Improvements

(None)

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