Release Notes for DrayTek Vigor 2136ax series (UK/Ireland)

Firmware Version	5.3.6.1 (Formal Release)
Release Type	**Regular** – Upgrade recommended when convenient
Build Date	30th January 2026
Release Date	18th February 2026
Web Version	r4323.4868fd79
Core Version	r685
Applicable Models	Vigor 2136ax
Locale	UK & Ireland Only

New Features

1. Support for Port Knocking for VPN
2. Support for IPv6 DrayDDNS service

Improvements

1. Custom Wi-Fi network names (SSIDs) no longer disappear after restoring a configuration and rebooting the device
2. Added the Backup/Restore options for Bind IP to MAC
3. Support for country object for the route policy
4. Link to "Open with Port Knocking Tool" added to WUI
5. The VPN option added for ACS Server On in [System Maintenance] > [Management] > [TR-069]
6. "License" as the filter type added to [Monitoring] > [Log Center]
7. The "QoS Setup" note has been moved to the top of the web page for UI consistency
8. A warning messages added about WCF on Syslog when there is no internet access
9. Increase of the number of Keyword Objects used as Keyword Exception in the Content Filter
10. The IP Objects within an IP Group can be displayed in firewall filter rules and NAT port forwarding rules
11. The UDP Flood Protection Current WAN speed status information is shown, and the notes and port number details updated
12. WireGuard VPN route improvements
13. Notes updates for Local ID / Peer ID IKE Identifier
14. The mOTP feature has been removed
15. Brute Force Protection wording.name update in WUI
16. The default subnet mask values updated for IPv4 Static Route
17. More information will be provided in the restore configuration error messages
18. The description of the [Utility] > [Network Tools] > [iPerf] page has been updated
19. Additional special characters are supported for PPPoE password, e.g. '=' and '+'
20. A type on the "SMB Client Support List" page updated to Built-in
21. The Notifications "Allow Notifications" option on the [System Maintenance] > [Firmware] page has been renamed to "Send Firmware Notifications"
22. The OSPFv2/RIP words added as titles in [Configuration] > [OSPF] > [General Setup]
23. A note reminding user to change the priority order by CLI command added in [Configuration] > [NAT] > [DMZ Host]

24. Fix the issue with failure to open VPN 2FA authentication page

VPN

25. Fixed an issue where generated OpenVPN configurations used incorrect port numbers
26. Fixed an issue where the Teleworker VPN subnet could unexpectedly access other LAN subnets
27. Fixed an issue where LAN DNS forwarding from a Teleworker VPN user failed to connect to the Vigor router
28. Fixed an issue where PIN codes could not be sent via SMS over a site-to-site VPN for the HotSpot Web Portal
29. Fixed an issue where "Last Login at" and "Last Login IP" information for Teleworker VPN (IAM users) disappeared after a router reboot

WAN / LTE

30. Fixed an issue where information for Cellular WAN Bridge mode and Cellular WAN SMS was missing
31. Fixed an issue causing fibre WAN connectivity failure on the Dutch Deltafiber AON FTTH network
32. Fixed an issue where WAN connection detection modes were not displayed when using a PPPoE connection

WiFi

33. Updated the 5 GHz channel list for Malaysia
34. Improved display of authentication mode for WPA3 Enterprise when using 802.11r
35. Fixed an issue where wireless clients saw an incorrect certificate during 802.1X authentication instead of the one configured in Internal RADIUS

System, Web UI & Management

36. Added support for the QLD310 dongle to the modem compatibility list
37. Fixed multiple issues related to Web UI language display
38. Fixed an issue where the "Upgrade Now" function did not work
39. Fixed an issue where the port list was missing from IP Reputation Filters
40. Fixed an issue where the Content Filter APPE failed to block the Facebook app
41. Fixed an issue where the Web UI became unresponsive after ACS provisioning
42. Fixed an issue where the DHCP server did not properly handle unicast DHCP requests
43. Fixed an issue where BLF (Busy Lamp Field) status continued blinking after group call pickup and hang-up
44. Fixed an issue where the Vigor router closed the network connection after one minute even while Web CLI was still in use

TR-069 & ACS

45. Fixed an issue where common UI files could not be uploaded to VigorACS

Notes

1. If the current firmware version is 5.3.0 or 5.3.1.1, please upgrade to 5.3.2.1 first before proceeding to later versions to prevent potential errors.

Firmware File Types

The ZIP file contains the firmware with two different file extensions, .SFW and .RST. The firmware is identical, but the RST file contains factory default settings. If you install the SFW 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 *'System Upgrade'* from the router's system maintenance menu and select the correct file. Ensure that you select the .SFW file underline unless you want to wipe out your router's settings back to factory default.
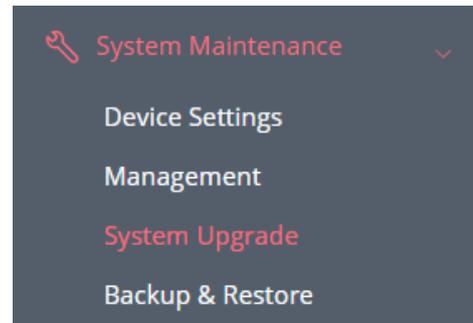
Automatic Firmware Upgrade (DrayOS 5)

DrayOS 5 introduces an optional automatic firmware upgrade feature (disabled by default). When enabled, the system automatically detects, downloads, and installs the latest firmware release.

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 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	5.3.5 (Formal Release)
Release Type	**Critical** – Upgrade recommended immediately
Build Date	14th November 2025
Release Date	11th December 2025
Web Version	r4316.1f295c9d
Core Version	r675
Applicable Models	Vigor 2136ax
Locale	UK & Ireland Only

IMPORTANT NOTE: This firmware is marked as critical due to security improvements in the WLAN drivers. If upgrading is not immediately possible, consider disabling WLAN functionality or isolating the devices from the rest of the network as a temporary precaution.

New Features

1. Support IKEv2 cookies to help prevent DoS attacks
2. Support the SafeSearch feature for Google and YouTube in [Configuration] > [DNS]

Improvements
1. WLAN driver updates with security improvements (CVE-2025-20710~20711, CVE-2025-20715~20716, CVE-2025-20720, CVE-2025-20724, CVE-2025-20729, CVE-2025-20731~20735, CVE-2025-20737~20739).
2. Set the default DHCPv6 WAN IAID to 0
3. Optimized the VPN Protection Rules window layout
4. Added support for Phase 2 network ID option for VPN DoS protection
5. Expanded the Hostname input field in [Utility] > [Network Tools]
6. Added support for unlimited quota in [Configuration] > [Notification Services]
7. Added support for special characters (e.g., ' = + ,) in PPPoE passwords
8. Updated the "OSPFv2" / "RIP" wording in [Configuration] > [OSPF] > [General Setup]
9. Added an option to enable or disable the SMS Quota feature
10. Expanded the DHCPv6 Server "Start Address" and "End Address" input fields
11. Added support for specifying "Hostname" as the Source IP for NAT rules in [Configuration] > [NAT]
12. Hid the "dhcp6_send_web_syslog" message in the Content field in [Monitoring] > [Log Center]
13. Added a "Seconds" label for the Key Renewal Interval field in [Configuration] > [Wireless LAN] > [SSID]
14. Added a search box for security reports in [Security] > [Security Defense Status] > [IP Reputation]
15. Added new links for Auto General Update and Auto Critical Update in the System section on the Dashboard
16. Enhanced the device notes displayed in the Add New Switch window in [Virtual Controller] > [Switch] > [Device]
17. Improved Teleworker VPN (IKEv2 EAP) behaviour when incorrect credentials are entered
18. Provided more detailed information for configuration-restore error messages

19. Renamed the "Download zip file" button to "Download file" in the OpenVPN Config Generator window
20. Added a mechanism to detect incorrect LTE module mode and automatically switch it to QMI mode if needed
21. Fixed an issue with the WAN IPv6 DHCPv6 Client
22. Fixed incorrect IGMP behaviour
23. Corrected a typo in the IP Reputation log message
24. Fixed an issue preventing the hostname from being set in LAN DNS
25. Fixed an issue preventing SMS sending with a specific SIM card
26. Fixed an issue preventing IPsec VPN from establishing with a Zyxel router
27. Fixed an issue preventing connection to the selected time server
28. Fixed a compatibility issue with QLD310 in DHCP mode
29. Fixed an issue preventing username changes in Teleworker VPN profiles
30. Fixed a DDNS Client update failure when a quotation mark was used in the password
31. Fixed an issue where Ethernet WAN disconnected if Ethernet Port 1 was disabled
32. Fixed an issue preventing IKEv2 VPN (NAT mode) from establishing with a Juniper router
33. Fixed incorrect DDNS Log display in [Monitoring] > [Log Center]
34. Fixed an issue where Fiber WAN was incorrectly displayed as Ethernet WAN
35. Fixed an issue preventing firmware check/update when using an IP alias
36. Fixed "Clear Session when Schedule is On" not working in [Security] > [Firewall Filters] > [IP Filters]
37. Fixed an issue where bandwidth limits were not applied to WLAN clients via the Hotspot Web Portal
38. Fixed incorrect RX Bytes count on LAN ports when TX traffic exceeded 1TB
39. Fixed an issue where the router sent an incorrect Local ID when dialling out IKEv2 VPN in NAT mode
40. Fixed an issue where a VPN interface stayed on the failover WAN after the primary WAN recovered
41. Fixed missing Category information for a Site in [Security] > [URL/IP Lookup] > [History]
42. Fixed missing "Cellular WAN Bridge mode" and "Cellular WAN SMS" information in [Monitoring] > [Cellular WAN Status]
43. Fixed an issue preventing certificates signed by a Root CA from being applied in [Configuration] > [Certificates] > [Local Services]
44. Fixed an issue where User Access Log was sent to Syslog even when disabled in [System Maintenance] > [Device Settings] > [Syslog]
45. Fixed an issue preventing saving of SMTP Sender addresses with TLDs longer than four characters
46. Add a Client Config Generator for WireGuard in [VPN] > [Teleworker VPN]
47. Add the More Subnets option under More Remote Subnets in [VPN] > [Site-to-Site VPN]
48. Add Status and Last Update Time fields in [Configuration] > [WAN] > [Dynamic DNS]
49. Add a link to configure a Let's Encrypt certificate in [Configuration] > [Certificate] > [Local Certificate]
50. Add a DSCP/802.1p QoS option in [Configuration] > [Bandwidth Management] > [Traffic Shaping Policy]

51. Allow selection of an External RADIUS Server Profile in [Configuration] > [LAN] > [LAN Port 802.1x]
52. Provide certificate-related parameters to VigorACS for improved management
53. Support special characters (e.g., ' = + ,) in the admin password
54. Support IPv6 for the DrayDDNS service in [Configuration] > [WAN] > [Dynamic DDNS]
55. Support specifying a custom IPv6 DNS server for a WAN interface in [Configuration] > [WAN] > [WAN Connections]
56. Display the active IPv6 LAN DNS on the main LAN Status Dashboard
57. Allow viewing of the certificate's Subject Alternative Name (SAN) via View in [Configuration] > [Certificate] > [Local Certificate]
58. Add a CLI command to adjust NAT service priority
59. Add a Notification tab in [Monitoring] > [Log Centre]
60. Add an IGMP Accept List in [Configuration] > [IGMP] > [General Setup]

Notes

1. If the current firmware version is 5.3.0 or 5.3.1.1, please upgrade to 5.3.2.1 first before proceeding to later versions to prevent potential errors.

Firmware Version	5.3.3 (Formal Release)
Release Type	**Critical** – Upgrade recommended immediately
Build Date	26th September 2025
Release Date	24th October 2025
Web Version	r4279.0f61a36e
Core Version	r669
Applicable Models	Vigor 2136ax
Locale	UK & Ireland Only

New Features

(None)

Improvements

1. Support for Hotspot Web Portal bandwidth control for specific destination IPs and domains
2. Support for an option to enable/disable the IKEv1 setting in [VPN] > [General Setup] > [IPsec]
3. Compliance with EN 18031 cybersecurity requirements
4. WLAN MTK chipset driver security improvements (CVE-2025-20674)
5. Improvements to the IPv6 PPP online status information
6. Some routers could not upgrade the firmware via WUI
7. Fix for the issue where the hotspot authentication page could not load properly
8. The route policy could not be applied to Teleworker VPNs
9. VigorACS was unable to manage the router due to the TR-069 service
10. The router could not establish a WAN connection after rebooting the router with VoIP enabled
11. An IP address locked by SSH brute force protection could not be unblocked from the WUI
12. The firmware update initiated from VigorACS failed when the device used an LTE WAN connection
13. The route policy using the virtual WAN setting would fail if the static IP of the virtual WAN was changed
14. The configuration backup failed if the "Device Name" contained special characters, such as spaces or brackets
15. Fix for an issue where an error message 'The "CPE_URL" field value is empty' appeared when configuring TR-069 settings via Telnet/CLI

Firmware Version	5.3.2.1 (Formal Release)
Release Type	**Regular** – Upgrade recommended when convenient
Build Date	5th August 2025
Release Date	29th August 2025
Web Version	r4197.931d4fea
Core Version	r666
Applicable Models	Vigor 2136ax
Locale	UK & Ireland Only

New Features

(None)

Improvements

1. Improvements to the stability of WUI firmware upgrade process

Notes

1. Support list for EasyVPN protocol:
    a. EasyVPN Client, Ubuntu, ver. 1.0.0
    b. SmartVPN Client, Windows, ver. 5.7.0
    c. SmartVPN Client, Android, ver. 1.5.0
    d. SmartVPN Client, iOS, ver. 1.9.6
    e. SmartVPN Client, macOS, ver. 1.7.0
2. The automatic firmware upgrade feature is disabled by default. To benefit from latest improvements, new features, and security patches, check the [System Maintenance] > [System Upgrade] configuration page

Firmware Version	5.3.2 (Formal Release)
Release Type	**Regular** – Upgrade recommended when convenient
Build Date	25th June 2025
Release Date	7th August 2025
Web Version	r4197.931d4fea
Core Version	r666
Applicable Models	Vigor 2136ax
Locale	UK & Ireland Only

New Features

1. Increased number of supported VPN tunnels from 4 to 16
2. The RTSP protocol for ALG can be configured in [Configuration] > [NAT]
3. Support for Port Knocking
4. Added support for LAN Port Mirror in [Configuration] > [LAN]
5. Support for bandwidth control linked with Hotspot Web Portal destination IP/domain
6. Support for automatic firmware upgrade in [System Maintenance] > [System Upgrade]
7. WAN connectivity test via VigorACS server

Improvements

1. Multiple schedule profiles can be set for wireless radio control
2. Automatic channel selection for WLAN can be set from user-defined or DFS-excluded channels
3. Currently running services can be displayed on [Monitoring] > [Running Services]
4. NAT can be applied within the IPsec VPN profile to match Remote Network's Firewall Policy / IPsec Phase 2 Network ID for NAT mode
5. Syslog can include route policy logs – enable this feature on the [Configuration] >[Routing]
6. WAN Alias IP can be used for local services including Time, Product Registration, Mail Client, and DNS Proxy
7. TCP MSS Clamping is enabled to ensure IP phones and alarm devices behind the router can be accessed from cloud management platforms
8. Additional special characters can be used for [Port Redirection], the password of Product Registration, ACS and CPE Settings, and SMS number of Local Admin Account, e.g.,
   / - @ +
9. Improvements related to the IP alias interface selection for local services
10. LAN DNS Forwarding over IPsec VPN did not work
11. IPTV failed to work due to incorrect IGMP Query interval
12. In some circumstances the Web Content Filtering license could change to inactive
13. IPv6 PPP WAN was offline due to incorrect WAN Detect settings
14. Wi-Fi users who were connecting through an external RADIUS server could fail to authenticate
15. Packets larger than 1400 bytes were not fragmented, and packets larger than 1438 bytes were not forwarded over IPsec VPN

Notes

1. Support list for EasyVPN protocol:
   a. EasyVPN Client, Ubuntu, ver. 1.0.0

b. SmartVPN Client, Windows, ver. 5.7.0
c. SmartVPN Client, Android, ver. 1.5.0
d. SmartVPN Client, iOS, ver. 1.9.6
e. SmartVPN Client, macOS, ver. 1.7.0

Firmware Version	5.3.1.3 (Formal Release)
Release Type	**Regular** – Upgrade recommended when convenient
Build Date	28th April 2025
Release Date	27th June 2025
Web Version	r4122.a2d9ed68
Core Version	r656
Applicable Models	Vigor 2136ax
Locale	UK & Ireland Only

New Features

(None)

Improvements

1. Enhancements of the iPerf testing feature

Notes

1. Support list for EasyVPN protocol:
    a. EasyVPN Client, Ubuntu, ver. 1.0.0
    b. SmartVPN Client, Windows, ver. 5.7.0
    c. SmartVPN Client, Android, ver. 1.5.0
    d. SmartVPN Client, iOS, ver. 1.9.6
    e. SmartVPN Client, macOS, ver. 1.7.0

Firmware Version	5.3.1.2 (Formal Release)
Release Type	**Regular** – Upgrade recommended when convenient
Build Date	17th April 2025
Release Date	17th June 2025
Web Version	r4122.a2d9ed68
Core Version	r656
Applicable Models	Vigor 2136ax
Locale	UK & Ireland Only

New Features

1. iPerf added to the [Utility] > [Network Tools] for WAN test purposes

Improvements

1. Bandwidth limitation can be applied to each source IP set for [IAM] > [Hotspot Web Portal]
2. More options related to Privacy Policy & Terms and Conditions added to [IAM] > [Hotspot Web Portal]
3. System uptime and name can now be obtained via SNMP server
4. The DHCP option 60 could not be applied for a virtual WAN
5. Connection attempts to the Wi-Fi failed even though the SSID was discovered
6. Incorrect details were shown when WAN DNS set to Manual on the WAN interface

Notes

1. Support list for EasyVPN protocol:
   a. EasyVPN Client, Ubuntu, ver. 1.0.0
   b. SmartVPN Client, Windows, ver. 5.7.0
   c. SmartVPN Client, Android, ver. 1.5.0
   d. SmartVPN Client, iOS, ver. 1.9.6
   e. SmartVPN Client, macOS, ver. 1.7.0

Firmware Version	5.3.1 (Formal Release)
Release Type	**Critical** – Upgrade recommended immediately
Build Date	24th February 2025
Release Date	3rd April 2025
Web Version	r4116.360f179d
Core Version	r656
Applicable Models	Vigor 2136ax
Locale	UK & Ireland Only

New Features

1. Support for EasyVPN
2. Support for IP Reputation as the firewall filter
3. Support for single-arm VPN (One-way VPN)
4. Support for VPN to WAN direction for the Content Filter
5. WAN AutoHunt for connecting to Ethernet WAN
6. Support for .xml/.def files and provisioning with ACS server

Improvements

1. Support to maintain the domain whitelist for the hotspot
2. A physical interface can be specified for TR-069 client settings
3. Support for downloading images used for hotspot logos using HTML
4. WLAN driver updates with security improvements (CVE-2025-20631, CVE-2025-20632 and CVE-2025-20633)
5. The dot '.' Character can be used as a valid ACS server password in [System Maintenance] > [Management] > [TR-069]
6. Fix the issue where receiving emails from Gmail SMTP server did not work
7. Improvements to the ACS common UI hotspot that did not verify the extension
8. The CPE could reboot during the firmware upgrade process
9. The whitelist for hotspot profiles can be updated via the Telnet command
10. The device did not restart after performing the config sync (for TR-069 parameter)
11. The hotspot quota bandwidth limit failed to function properly after the device was rebooted
12. Improvements to the WAN LED not lighting up and the TR-069 parameters not functioning when the WAN connection was established

Notes

1. Support list for EasyVPN protocol:
    a. EasyVPN Client, Ubuntu, ver. 1.0.0
    b. SmartVPN Client, Windows, ver. 5.7.0
    c. SmartVPN Client, Android, ver. 1.5.0
    d. SmartVPN Client, iOS, ver. 1.9.6
    e. SmartVPN Client, macOS, ver. 1.7.0

Firmware Version	5.3.0.2 (Formal Release)
Release Type	**Initial Release**
Build Date	10th December 2024
Release Date	28th January 2025
Web Version	r3663.e0734d76
Core Version	r642
Applicable Models	Vigor 2136ax
Locale	UK & Ireland Only

First Firmware Release for this model

New Features

(None)

Improvements

(None)

[END OF FILE]