

Release Notes for DrayTek VigorAP 920RPD (UK/Ireland)

Firmware Version	1.4.4 (Formal Release)
Release Type	Regular – Upgrade recommended when convenient
Release Date	09 th August 2022
Build Date	21 st July 2022
Revision	g1455_682bb993e2
Applicable Models	VigorAP 920RPD, VigorAP 920R
Locale	UK Only

New Features

(None)

Improvements

1. Improvements to the DNS security (CVE-2022-30295)
2. Mesh network connection compatibility improvements with Mesh Root Vigor2862 or Vigor2926 series routers
3. Vigor router's Central AP Management could fail with VigorAP 920 access points after upgrading to 1.4.3 firmware

Known Issues

(None)

Firmware File Types

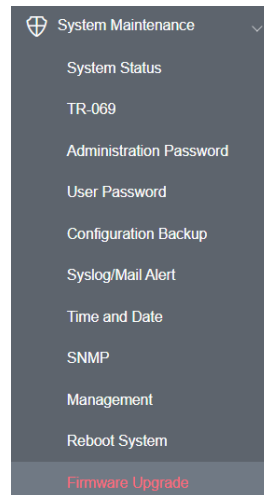
The file name of the firmware controls which upgrade type is performed.

If the file name is unchanged (e.g. **xxxx.all**) then the upgrade will just upgrade the firmware, whereas renaming the firmware to a **.rst** extension will wipe all settings back to factory defaults when upgrading the firmware.

Upgrade Instructions

It is recommended that you take a configuration backup prior to upgrading the firmware. This can be done from the AP's system maintenance menu.

To upgrade firmware, select '*firmware upgrade*' from the AP's system maintenance menu and select the correct file. The access point will perform the upgrade and automatically reboot once this completes.



Manual Upgrade

If you cannot access the AP's menu, you can put the AP into 'TFTP' mode by holding the FACTORY RESET button 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.

Firmware Version	1.4.3 (Formal Release)
Release Type	Regular – Upgrade recommended when convenient
Release Date	30 th June 2022
Build Date	05 th May 2022
Revision	g1388_ecc1902d45
Applicable Models	VigorAP 920RPD, VigorAP 920R
Locale	UK Only

New Features

1. Added default DHCP client ID for identification of the VigorAP on the network
2. Support for CLI AP Management over SSH

Improvements

1. Added master AP group ID and group key for use with AP-based AP management
2. Updated HTTPS mechanism to address the CVE-2022-0778 (OpenSSL)
3. Support for DrayTek Wireless APP configuration backup/restore option
4. The default setting for 2.4GHz channel selection is now 'Auto select'
5. Added notification about VigorAP reboot after finishing the firmware upgrade process
6. Notification of Management VLAN not being compatible with Mesh added to GUI
7. WiFi stability improvements
8. Wireless clients connected to different SSIDs on the same radio band could not communicate with each other

Known Issues

(None)

Firmware Version	1.4.2 (Formal Release)
Release Type	Regular – Upgrade recommended when convenient
Release Date	25 th August 2021
Build Date	02 nd July 2021
Revision	g610_a0ed27bbe9
Applicable Models	VigorAP 920RPD, VigorAP 920R
Locale	UK Only

New Features

(None)

Improvements

1. Updated wireless chipset drivers to resolve CVE-2020-26139 to CVE-2020-26145, CVE-2020-24586 to CVE-2020-24588

Known Issues

(None)

Firmware Version	1.4.1 (Formal Release)
Release Type	Regular – Upgrade recommended when convenient
Release Date	30 th July 2021
Build Date	27 th May 2021
Revision	g582_d1ba0b6b26
Applicable Models	VigorAP 920RPD, VigorAP 920R
Locale	UK Only

New Features

1. Hotspot Web Portal feature can be activated on [LAN] > [Hotspot Web Portal]
2. Manage up to 30 VigorAP access points by enabling “RootAP” mode from [Central AP Management] > [General Setup]

Improvements

1. Updated MyVigor authentication method
2. Improved the mesh network stability
3. In some circumstances the mesh node could disconnect from the mesh root
4. ‘LAN-B’ option on [Wireless LAN] > [General Setup] could not be saved

Known Issues

(None)

Firmware Version	1.4.0 (Formal Release)
Release Type	Regular – Upgrade recommended when convenient
Release Date	23 rd March 2021
Build Date	03 rd February 2021
Revision	g449_385ef6e55c
Applicable Models	VigorAP 920RPD, VigorAP 920R
Locale	UK Only

New Features

(None)

Improvements

1. Updated MyVigor authentication method
2. Mesh Root enters 'Register' state automatically when the Isolated Wired Mesh Node in Group List is detected
3. Port 9608 TCP is now closed when Mesh Root / Root AP mode is disabled
4. In some circumstances mail alert option did not work
5. Wireless roaming feature improvements
6. Image could not be displayed properly on Quick Start Wizard page
7. Corrected configuration mechanism for [Wireless LAN (5GHz)] > [Access Control]

Known Issues

(None)

Firmware Version	1.3.5 (Formal Release)
Release Type	Regular – Upgrade recommended when convenient
Release Date	18 th November 2020
Build Date	27 th October 2020
Revision	g185_44618f4ab6
Applicable Models	VigorAP 920RPD, VigorAP 920R
Locale	UK Only

New Features

1. Support for new Wireless Security modes:
 - a. WPA3/WPA2 Personal
 - b. WPA3 Enterprise
 - c. WPA3/WPA2 Enterprise
2. New [Mesh] > [Mesh Syslog] added for mesh diagnostics
3. [Mesh] > [Support List] section added to check Mesh features of other VigorAPs & Routers

Improvements

1. HTTPS management no longer supports 3DES ciphers
2. Mesh Preferred Uplink Timeout option added
3. The wireless security type naming and order updated
4. The last sync update time information on the [Mesh] > [Mesh Setup] page added
5. An alert will be displayed when wireless settings that will disable WMM are selected
6. Updated message shown for 802.11n speed limitations with WEP / WPA security modes
7. Corrected Quick Start Wizard page AP image
8. Special characters such as '-' can now be used with Mesh Root administrator password

Known Issues

(None)

Firmware Version	1.3.4 (Formal Release)
Release Type	Regular – Upgrade recommended when convenient
Release Date	5 th August 2020
Build Date	11 th June 2020
Revision	12217
Applicable Models	VigorAP 920RPD, VigorAP 920R
Locale	UK Only

New Features

(None)

Improvements

1. [System Maintenance] > [Administration Password] credentials can contain "-" character
2. Refine Wireless Security options on web [Wireless LAN] > [Security] where PSK is now called Personal, e.g. WPA2 Personal and 802.1x is named Enterprise, e.g. WPA2 Enterprise
3. Mesh Root can now control Mesh Nodes from [Mesh] > [Mesh Status] with "Disconnect" and "Reselect" actions available for the AP operating as the Mesh Root
4. Mesh Nodes can now have their preferred next 'hop' specified as the "Preferred Uplink" on the [Mesh] > [Mesh Setup] page of an AP operating as a Mesh Node
5. The Reset Button can be disabled from [System Maintenance] > [Management] page
6. In Mesh mode, disabling all wireless bands will produce a warning message
7. Mesh syslog improvements
8. Fixed errors on [Quick Start Wizard] > [Operation Mode] page
9. The button would not work properly on [Mobile Device Management] > [Station List]
10. Improved MyVigor compatibility with the new DrayTek MAC Address OUI beginning with "14:49:BC"

Known Issues

(None)

Firmware Version	1.3.3 (Formal Release)
Release Type	Regular – Upgrade recommended when convenient
Release Date	15 th April 2020
Build Date	24 th March 2020
Revision	11831
Applicable Models	VigorAP 920RPD, VigorAP 920R
Locale	UK Only

New Features

(None)

Improvements

1. Improved SNMP functionality
2. Improved GUI for [Mesh] > [Mesh Setup] wizard for Mesh Root
3. AP displays SSID for 5GHz wireless station in [Station List] > [Clients List]
4. Wireless security improvements for 802.1x
5. Improvements to DHCP Server
6. Access Control would not work when wireless security was set to WPA3-Personal

Known Issues

(None)

Firmware Version	1.3.2 (Formal Release)
Release Type	Regular – Upgrade recommended when convenient
Release Date	18 th February 2020
Build Date	14 th January 2020
Revision	11481
Applicable Models	VigorAP 920RPD, VigorAP 920R
Locale	UK Only

New Features

1. Support for WPA3
2. Multi-SSID (VLAN) over Mesh support added
3. Speed-test between Mesh node & Mesh root via web

Improvements

1. Device Object added and integrated with WLAN access control & schedule
2. Mobile Device Management interface updated
3. Mesh Node delete option added
4. Advanced Config Sync for Mesh networks added for Roaming, Band Steering, Access Control and other advanced AP configuration settings
5. Vigor router APM compatibility updated
6. Mesh node management by VigorACS server improved

Known Issues

(None)

Firmware Version	1.3.1 (Formal Release)
Release Type	Regular – Upgrade recommended when convenient
Release Date	16 th September 2019
Build Date	20 rd July 2019
Revision	10662
Applicable Models	VigorAP 920RPD, VigorAP 920R
Locale	UK Only

New Features

(None)

Improvements

1. Updates to TLS mechanism for compatibility with VigorACS 2.5.0

Known Issues

(None)

Firmware Version	1.3.0 (Formal Release)
Release Type	Regular – Upgrade recommended when convenient
Release Date	25 th July 2019
Build Date	23 rd May 2019
Revision	10414
Applicable Models	VigorAP 920RPD, VigorAP 920R
Locale	UK Only

New Features

1. New WebUI design
2. Support for DrayTek Mesh
3. Support for DrayTek Wireless APP
4. Support for IGMP Snooping
5. Accept the access control list transferred by VigorACS 2

Improvements

1. OpenSSL updated to 1.0.20
2. Default security mode of all SSIDs set to WPA2/PSK
3. Warning message added about WPA2 key complexity when Fast Roaming is enabled
4. "Allow management from WLAN" option and Access List added
5. DHCP clients of the AP can access AP web via <http://vigorap.com>
6. New Syslog categories added (Syslog Tools 4.5.7)
7. Password check added in [System Maintenance] > [Configuration Backup]
8. When configuring [RADIUS Setting] > [RADIUS Server], strings for a group of username and password with total characters of more than 20 would be shown incorrectly
9. Unable to create a Root CA certificate if CN composed with two strings is separated by white space

Known Issues

(None)

Firmware Version	1.2.5 (Formal Release)
Release Type	Regular – Upgrade recommended when convenient
Release Date	18 th December 2018
Build Date	9 th November 2018
Revision	9469
Applicable Models	VigorAP 920RPD, VigorAP 920R
Locale	UK Only

New Features

1. Support for the VigorAP 920RPD
2. 5GHz Antenna mode is controlled from [Wireless LAN (5GHz)] > [Advanced Setting] by selecting Dipole (external) and Patch (internal) Antenna modes

Improvements

1. Improved reliability of [Diagnostics] > [Wireless Speed Test]

Known Issues

(None)

Firmware Version	1.2.4 (Formal Release)
Release Type	Regular – Upgrade recommended when convenient
Release Date	26 th November 2018
Build Date	27 th July 2018
Revision	9310
Applicable Models	VigorAP 920RPD, VigorAP 920R
Locale	UK Only

New Features

1. Support for the VigorAP 920RPD

Improvements

(None)

Known Issues

(None)

Firmware Version	1.2.3 (Formal Release)
Release Type	Regular – Upgrade recommended when convenient
Release Date	15 th August 2018
Build Date	27 th July 2018
Revision	8899
Applicable Models	VigorAP 920R
Locale	UK Only

New Features

(None)

Improvements

1. Improved compatibility of the VigorAP's web interface with Internet Explorer
2. Wireless WDS connections were truncated when AP's IP address was set via DHCP

Known Issues

(None)

Firmware Version	1.2.1
Release Type	Initial Release
Release Date	8 th August 2018
Build Date	26 th March 2018
Revision	8162
Applicable Models	VigorAP 920R
Locale	UK Only

First Firmware Release for this model

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