Release Notes for DrayTek VigorAP 903 (UK/Ireland)

Firmware Version	1.4.13 (Formal Release)
Release Type	**Regular** – Upgrade recommended when convenient
Release Date	25th April 2024
Build Date	8th January 2024
Revision	g1688_7c311125f6
Applicable Models	VigorAP 903
Locale	UK Only

New Features

(None)

Improvements

1. A domain name in the syslog server address can be used
2. VigorConnect compatibility improvements

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.
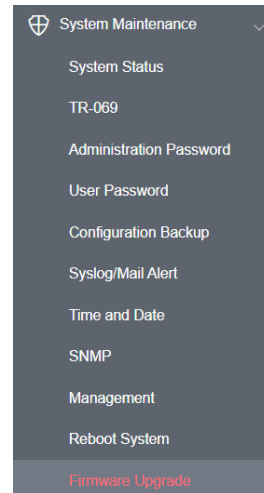
Manual Upgrade

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	1.4.10 (Formal Release)
Release Type	**Regular** – Upgrade recommended when convenient
Release Date	28th July 2023
Build Date	1st June 2023
Revision	g1603_4e383aaed5
Applicable Models	VigorAP 903
Locale	UK Only

New Features

(None)

Improvements

1. Improvements to the Mail alert feature
2. Fix for access to the WUI of the AP via the Internet

Known Issues

1. VigorAP903's running this firmware are not compatible with VigorConnect

Firmware Version	1.4.9 (Formal Release)
Release Type	**Regular** – Upgrade recommended when convenient
Release Date	11th April 2023
Build Date	23rd February 2023
Revision	g1568_f57251d5de
Applicable Models	VigorAP 903
Locale	UK Only

New Features

(None)

Improvements

1. Improvements to the web GUI (CVE-2019-16645)
2. The 802.11r roaming feature could stop working after the system reboot
3. Web access via HTTPS didn't work well after the firmware upgrade

Known Issues

(None)

Firmware Version	1.4.7 (Formal Release)
Release Type	**Regular** – Upgrade recommended when convenient
Release Date	24th October 2022
Build Date	3rd October 2022
Revision	g1489_70724ac0a9
Applicable Models	VigorAP 903
Locale	UK Only

New Features

1. Event Alert feature added into **[Diagnostics] > [Alert Event]**

Improvements

(None)

Known Issues

(None)

Firmware Version	1.4.6 (Formal Release)
Release Type	**Regular** – Upgrade recommended when convenient
Release Date	2nd September 2022
Build Date	5th August 2022
Revision	g1460_09cc32292e
Applicable Models	VigorAP 903
Locale	UK Only

New Features

(None)

Improvements

1. AP-Assisted Roaming Minimum RSSI did not work in some circumstances
2. VigorAP would drop the TR-069 connection after 12 or more hours
3. 2.4GHz WPS would not work unless there was a 5GHz WPS client connected
4. WUI could stop responding when AP was set to Range Extender mode

Known Issues

(None)

Firmware Version	1.4.5 (Formal Release)
Release Type	**Regular** – Upgrade recommended when convenient
Release Date	17th June 2022
Build Date	06th June 2022
Revision	g1430_3204ee08b0
Applicable Models	VigorAP 903
Locale	UK Only

New Features

(None)

Improvements

1. TLS 1.0 option has been removed from the [System Maintenance] > [Management] page
2. Access point would not appear on Vigor router's AP management page

Known Issues

(None)

Firmware Version	1.4.4 (Formal Release)
Release Type	**Regular** – Upgrade recommended when convenient
Release Date	24th May 2022
Build Date	06th May 2022
Revision	g1405_88af2ade15
Applicable Models	VigorAP 903
Locale	UK Only

New Features

(None)

Improvements

1. Updated HTTPS mechanism to address the CVE-2022-0778 (OpenSSL)
2. Wireless clients connected to different SSIDs on the same radio band could not communicate with each other

Known Issues

(None)

Firmware Version	1.4.3 (Formal Release)
Release Type	**Regular** – Upgrade recommended when convenient
Release Date	01st April 2022
Build Date	09th March 2022
Revision	g1329_051a3965b8
Applicable Models	VigorAP 903
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. Improvements for configuration backup/restore and firmware upgrade features
2. Added master AP group ID and group key for use with AP-based AP management
3. The default setting for 2.4GHz channel selection is now 'Auto select'
4. Added notification about VigorAP reboot after finishing the firmware upgrade process
5. Notification of Management VLAN not being compatible with Mesh added to GUI
6. If Management VLAN matched the SSID VLAN ID, wireless clients could not access the Internet
7. Fixed an issue when broadcasting WiFi using WPA3/WPA2 Personal mode
8. The schedule status indicator would always show grey if Daylight Saving was enabled
9. The [Objects Setting] > [Device Object] page would not display properly if apostrophe was used for one of the object names
10. When using the "&" special character in admin password, GUI won't allow to access the AP

Known Issues

(None)

Firmware Version	1.4.2 (Formal Release)
Release Type	**Regular** – Upgrade recommended when convenient
Release Date	02nd August 2021
Build Date	10th June 2021
Revision	g594_b778c849ea
Applicable Models	VigorAP 903
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	14th May 2021
Build Date	28th April 2021
Revision	g553_280b9c7602
Applicable Models	VigorAP 903
Locale	UK Only

New Features

(None)

Improvements

1. Improved the mesh node reconnection mechanism that could fail after restarting the device with factory default settings
2. Reset of the mesh group would also reset SSIDs with factory default settings

Known Issues

(None)

Firmware Version	1.4.0 (Formal Release)
Release Type	**Regular** – Upgrade recommended when convenient
Release Date	23rd March 2021
Build Date	03rd February 2021
Revision	g470_81a80a4fd8
Applicable Models	VigorAP 903
Locale	UK Only

New Features

(None)

Improvements

2. Updated MyVigor authentication method
3. Updated the MAC OUI database

Known Issues

(None)

Firmware Version	1.3.7.1 (Formal Release)
Release Type	**Regular** – Upgrade recommended when convenient
Release Date	9th September 2020
Build Date	19th August 2020
Revision	12587
Applicable Models	VigorAP 903
Locale	UK Only

New Features

(None)

Improvements

1. [Wireless LAN] > [Advanced Setting] 'Isolate 2.4GHz and 4GHz bands' option was missing in 1.3.7 firmware release
2. Improved AP Discovery scanning results mechanism

Known Issues

(None)

Firmware Version	1.3.7 (Formal Release)
Release Type	**Regular** – Upgrade recommended when convenient
Release Date	13th August 2020
Build Date	06th August 2020
Revision	12459
Applicable Models	VigorAP 903
Locale	UK Only

New Features

1. Support for WPA3

Improvements

1. The button would not work properly on [Mobile Device Management] > [Station List]

Known Issues

(None)

Firmware Version	1.3.6 (Formal Release)
Release Type	**Regular** – Upgrade recommended when convenient
Release Date	1st May 2020
Build Date	10th April 2020
Revision	11949
Applicable Models	VigorAP 903
Locale	UK Only

New Features

(None)

Improvements

1. Improvements to DHCP Server
2. Improved SNMP functionality
3. Change the colour of the index number on [Application] > [Schedule]
4. Tx and Rx traffic information could not be displayed properly in ACS
5. Vigor router APM compatibility updated
6. [Wireless LAN] > [Station List] window enlarged for the convenience of viewing device information
7. Clients connected to the AP in Range Extender mode could not obtain an IP from DHCP server/router

Known Issues

(None)

Firmware Version	1.3.5 (Formal Release)
Release Type	**Regular** – Upgrade recommended when convenient
Release Date	31st January 2020
Build Date	30th December 2019
Revision	11410
Applicable Models	VigorAP 903
Locale	UK Only

New Features

1. Range Extender mode supports connection with different channels

Improvements

1. Email alerts via Gmail improved
2. Mobile Device Management interface updated
3. CLI command buffer increased to 256 characters
4. Illegal repeater devices can be blocked from [Wireless LAN] > [Advanced Setting] section
5. Support of [Mesh] > [Advance Config Sync] added to improve the Mesh configuration synchronisation
6. Mesh node management by VigorACS server improved

Known Issues

(None)

Firmware Version	1.3.4.1 (Formal Release)
Release Type	**Regular** – Upgrade recommended when convenient
Release Date	4th October 2019
Build Date	20th September 2019
Revision	11041
Applicable Models	VigorAP 903
Locale	UK Only

New Features

(None)

Improvements

1. Unable to sync VLAN ID from mesh root to mesh node.

Known Issues

(None)

Firmware Version	1.3.4 (Formal Release)
Release Type	**Regular** – Upgrade recommended when convenient
Release Date	9st September 2019
Build Date	14th August 2019
Revision	10836
Applicable Models	VigorAP 903
Locale	UK Only

New Features

1. VID (VLAN Tag) for wireless clients via mesh network
2. IEEE 802.11r (roaming protocol)
3. Speed-test between Mesh node & Mesh root via web

Improvements

1. Device Object added and integrated with WLAN access control & schedule
2. RADIUS server profile page could get corrupted when adding users

Known Issues

(None)

Firmware Version	1.3.3 (Formal Release)
Release Type	**Regular** – Upgrade recommended when convenient
Release Date	1st May 2019
Build Date	26th March 2019
Revision	10088
Applicable Models	VigorAP 903
Locale	UK Only

New Features

(None)

Improvements

1. Quick Start Wizard improvements to avoid configuration problems during initial setup
2. Product registration could not be completed through the MyVigor system

Known Issues

(None)

Firmware Version	1.3.3 (Formal Release)
Release Type	**Regular** – Upgrade recommended when convenient
Release Date	1st May 2019
Build Date	26th March 2019
Revision	10088
Applicable Models	VigorAP 903
Locale	UK Only

Firmware Version	1.3.2 (Formal Release)
Release Type	**Regular** – Upgrade recommended when convenient
Release Date	18th March 2019
Build Date	20th February 2019
Revision	9866
Applicable Models	VigorAP 903
Locale	UK Only

New Features

1. Factory Default SSID of each VigorAP is now unique to each AP and is the same for both 2.4GHz & 5GHz radios. i.e. "DrayTek-1A2B3C". This consists of "DrayTek-" and the last 6 hexadecimal digits of each VigorAP's MAC address, which can be seen on the serial number label.

Important Note – Default SSID Setting:

This setting change only takes effect for VigorAP's that come with 1.3.2 out of the box, or by factory resetting the VigorAP with 1.3.2 firmware installed.

When upgrading from 1.3.0 / 1.3.1 firmware to the 1.3.2 firmware, the default SSID remains the same "DrayTek-LAN-A" for 2.4GHz and "DrayTek5G-LAN-A" for 5GHz.

To change the default SSID to the new format, reset the VigorAP to its factory default settings, or reflash the VigorAP's firmware with the firmware file's filename extension changed to ".rst" (*ap903_r9866_132.rst*).

Important Note – QR Code:

If your VigorAP 903 is supplied with 1.3.0 or 1.3.1 firmware out of the box, the attached QR code uses the "DrayTek-LAN-A" SSID, to allow the DrayTek Wireless app's Quick Start Wizard to locate and connect to it.

It is recommended to set up the Mesh Root VigorAP by updating to 1.3.2 firmware using the .all extension (*ap903_r9866_132.all*). This will keep the default "DrayTek-LAN-A" SSID, which can then be located using the QR code in the DrayTek Wireless app, and reconfigured with your own network's wireless name during the setup process.

Improvements

1. When creating user accounts in [RADIUS Setting] > [RADIUS Server], the display of the page could become corrupted
2. Improved Mesh Node connection behaviour, Mesh Nodes should now connect more quickly when adopted into the Mesh

Known Issues

(None)

Firmware Version	1.3.1
Release Type	**Initial Release**
Release Date	20th February 2019
Build Date	16th January 2019
Revision	9723
Applicable Models	VigorAP 903
Locale	UK Only

First Firmware Release for this model

Known Issues

(None)

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