

## Release Notes for DrayTek Vigor 2925 series (UK/Ireland)

Firmware Version	3.8.4 (Formal Release)
Release Type	<b>Critical</b> – Upgrade recommended immediately
Build Date	15th December 2016
Release Date	13th January 2017
Revision	61327
Applicable Models	Vigor 2925, Vigor 2925n, Vigor2925ac, Vigor2925n-Plus, Vigor2925Vn-Plus
Locale	UK & Ireland Only

### New Features

1. [WAN] > [Internet Access] > [IPv6] PPP WAN now supports IPv6 RIPng (RIP for IPv6)
2. Added [Central Switch Management] > [Switch Management] to manage compatible VigorSwitches
3. Support for DNSSEC added in [Application] > [DNS Security]
4. Firewall configuration can be backed up / restored from [Firewall] > [General Setup]
5. WAN2 can now operate in 2.4GHz or 5GHz Wireless Station Mode, switchable with Ethernet mode in [WAN] > [General Setup] > [WAN2]
6. Band Steering added (requires same SSID & PSK on both 2.4GHz & 5GHz), to help 5GHz capable clients connect to the faster 5GHz band
7. Support for [Wireless LAN] > [Airtime Fairness] added to 2.4GHz and 5GHz wireless
8. [Wireless LAN] SSIDs now support individual Schedules
9. Router auto-generates unique Self-Signed Certificate for HTTPS [System Maintenance] > [Self-Signed Certificate]
10. Added [Diagnostics] > [VPN Graph] to view VPN connection history
11. Ping Detect latency Graph is available in [Diagnostics] > [Traffic Graph] for WAN interfaces using Ping for WAN Connection Detection
12. VoIP QoS Statistics / Log added to [Bandwidth Management] > [Quality of Service]
13. WAN Failover in [WAN] > [General Setup] now supports Failover by Traffic Threshold
14. [Applications] > [Schedule] re-designed to simplify management of schedules
15. [Objects Setting] > [IP Objects] can now be uploaded to the router in CSV format
16. [NAT] > [Port Redirection] and [Open Ports] can specify an allowed Source IP Object (Single IP, Subnet or Range IP) to allow only specified IPs to access port forwards without making Firewall Filter Rules
17. [Load-Balance/Route Policy] Rules can now be applied to Hostnames / Domain names as Destination addresses

### Improvements

1. Security improvements including one or more considered critical.
2. Misc. minor WUI changes/corrections.
3. Added options in [System Maintenance] > [Management] to disable HTTPS management via TLS 1.0, TLS 1.1 or TLS 1.2
4. High Availability can now operate over IPv6 in addition to IPv4
5. Central AP Management - [AP Map] interface improvements
6. Central AP Management - [WLAN Profile] can be applied to router's Wireless LAN interfaces with "Apply to Local" option

7. VoIP Models only - SIP account registration failover options added
8. VoIP Models only - WAN IP Alias can be selected for SIP account registration
9. LTE Models only - Send SMS alerts using LTE modem SMS interface

### **Known Issues**

1. Fax Mechanism will fail to send multiple papers/files from Phone1 to Phone 2 (Vac model)
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### **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.

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Firmware Version	3.8.2.3
Release Type	<b>Regular</b> – Upgrade recommended when convenient
Release Date	23rd June 2016
Build Date	26th May 2016
Applicable Models	Vigor 2925, Vigor 2925n, Vigor2925ac, Vigor2925n-Plus, Vigor2925Vn-Plus
Locale	UK/Ireland ONLY

### **New Features**

(None)

### **Improvement**

1. Changed TCP Initial sequence number mechanism
2. Added X-Frame-Options to HTTP headers
3. Session validation method improved in Web UI
4. Improvements to [Hardware Acceleration] functionality

Firmware Version	3.8.2.2
Release Date	30th March 2016
Build Date	2nd February 2016
Applicable Models	Vigor 2925, Vigor 2925n, Vigor2925ac, Vigor2925n-Plus, Vigor2925Vn-Plus
Locale	UK/Ireland ONLY

### **New Features**

(None)

### **Improvement**

1. Resolved an issue that stopped Wi-Fi clients from VigorAP access points connecting via SSIDs with VLAN tags enabled

Firmware Version	3.8.2
Release Date	23rd October 2015
Build Date	1st October 2015
Applicable Models	Vigor 2925, Vigor 2925n, Vigor2925ac, Vigor2925n-Plus, Vigor2925Vn-Plus
Locale	UK/Ireland ONLY

## **New Features**

1. Support for High Availability to use a secondary Vigor 2925 as a redundant router - [Applications] > [High Availability]
2. Port forwarding (Port Redirection, Open Ports) to remote clients connected via an IPsec LAN to LAN VPN now supported
3. WAN2 can now operate in 2.4GHz Wireless Station Mode, switchable with Ethernet mode ([WAN] > [General Setup] > [WAN2])
4. Path MTU detection added to simplify correct MTU detection
5. Static or Dynamic IP now supports Bridge mode with firewall applied
6. Notification Objects now have WAN Budget and Central VPN Management options
7. URL Content Filter Profiles now have Exception List option
8. Internal RADIUS / 802.1X server ([Applications] > [RADIUS], accounts configured in [User Management])
9. [Web Portal] feature improvements, now supports HTTPS redirection
10. [Load Balance / Route Policy] > [Diagnose] added
11. LAN to LAN VPN now supports SSL Tunnel
12. Switch Management added, accessible via network icon on [Dashboard]
13. [Central AP Management]:
  - a. [Event Log] added
  - b. [Dashboard] added
  - c. [Station Number] added to show history of connected clients per AP
  - d. [Total Traffic] added to show bandwidth usage per AP
  - e. [AP Maintenance] can now send firmware to multiple APs simultaneously
14. [System Maintenance] > [Management] now support Captcha validation for Internet / LAN access to router Login page
15. [Diagnostics] > [Authentication Information] shows details on users authenticated by internal RADIUS server
16. TACACS+ support for VPN authentication - [VPN and Remote Access] > [PPP General Setup]
17. Added support for TLS 1.2

## **Improvement**

1. IP Filter telnet command could not configure Service Type Protocol to UDP or TCP
2. WAN connectivity issue with IPv6 when using DHCPv6 or 6rd
3. QoS Statistics would not display corrected when Firewall > Data Filter was disabled
4. URL Filter blocked some HTTPS sites incorrectly
5. Not all DHCP clients were displayed in the router's DHCP Table

6. Resolved an issue with 5GHz wireless when using Mixed(11a+11n) mode and some client device connections
7. Improvements to the functionality of the IPv6 Firewall filter
8. When SMB service on WAN was disabled, TCP Port 445 could be detected in a port scan. This is no longer detectable in a port scan
9. Vigor 2925V models only: The web interface Dashboard LED for Line linked to the QoS page
10. Active True IP DMZ assigned an incorrect subnet mask to the True IP DMZ host
11. The web interface reboot facility was not working in some situations

Firmware Version	3.8.0.1
Release Date	19th June 2015
Build Date	22nd May 2015
Applicable Models	Vigor 2925, Vigor 2925n,, Vigor2925n-Plus, Vigor2925Vn-Plus
Locale	UK/Ireland ONLY

### **New Features**

1. Support for GRE Tunnel under [VPN and Remote Access] > [LAN to LAN VPN] for compatibility with Cisco routers.

### **Improvement**

1. Improved 500 server internal error response code behavior relating to using retry-after header field (per RFC 3261 Section 14.2)
2. The Telnet command 'ip dhcp status' could not show WAN1 DHCP mode information correctly.
3. LAN Access Control did not work correctly.
4. SSL Tunnel could fail to connect with a username/password error with valid credentials.
5. Improved handing of USB share access via SMB.

Firmware Version	3.8.0
Release Date	27th April 2015
Build Date	1st April 2015
Applicable Models	Vigor 2925, Vigor 2925n,, Vigor2925n-Plus, Vigor2925Vn-Plus
Locale	UK/Ireland ONLY

### **New Features**

1. IPv6 support added for all LAN and WAN interfaces.
2. LAN DNS now supports CNAME hostname aliasing.
3. 2925Vn-Plus only: The router's VoIP service can now be disabled through the web interface.
4. Support for RFC4638 to increase Ethernet frame size / MTU to 1500 for PPPoE connections.

### **Improvement**

1. Improvements to SMB file sharing and a new SMB Client Support List under the [USB Application].
2. WAN Budget can be configured under [Object Setting] > [Notification Object] to send SMS / E-Mail alerts.
3. Improvements to the display of "More Options" under [Load Balance/Route Policy].
4. Modified wording of [Hardware Acceleration] to show Dest Port Start/End instead of Start/End Port.
5. TR-069 settings added for control via Vigor ACS-SI:
  - a. SNMP configuration settings
  - b. IPv6 Access List
6. Web Console was unable to display TR-069 parameters.
7. LAN to LAN VPN Ping to Keep Alive setting is now restricted to IPSec tunnels only (not beneficial for other protocols).
8. The router will only send DHCP Discover syslog messages when the WAN port is physically online.
9. Improvements to the router's web server's Session ID generation method to improve security.
10. User Mode now correctly limits access to [Wireless LAN (5GHz)] settings.
11. When using a VPN Trunk with a Route Policy, the wrong VPN tunnel could be used under some circumstances if the selected VPN dropped.
12. [Application] > [IGMP], wording for PVC interface changed to PVC/VLAN.
13. Notes added to [User Management] > [User Online Status].
14. Multicast via VPN was not working correctly.
15. Resolved an issue with DNS Filter.
16. 2925Vn-Plus only: [VoIP] > [Phone Book] was not showing the Secure Phone options.
17. Quick Start Wizard did not support USB Modem (DHCP Mode).
18. Resolved an issue with [CSM] > [App Enforcement] filtering that could block traffic incorrectly once SNMP was enabled.



19. Resolved an issue that stopped Vigor ACS-SI from switching Wireless LAN Access Control from White List to Black List mode.
20. When "Allow Management from LAN" was disabled, clients were unable to access the User Management Login page.
21. The Telnet command "srv nat showall" was showing private IP port information incorrectly.

Firmware Version	3.7.8.1
Release Date	4th February 2015
Applicable Models	Vigor 2925, Vigor 2925n,, Vigor2925n-Plus, Vigor2925Vn-Plus
Locale	UK/Ireland ONLY

### **New Features**

(None)

### **Improvement**

1. SSL3 now disabled in favour of TLS by default for SSL tunnels and web management.
2. DNS Queries other than A and AAAA were blocked by the router.
3. 2925n-Plus / 2925Vn-Plus only: 5GHz wireless LAN DFS was affecting 2.4GHz wireless.
4. 2925Vn-Plus only: The Secure Phone option was missing from [VoIP] - [DialPlan] - [Phone Book] entries.
5. The Quick Start Wizard now supports "USB Modem (DHCP Mode)" as a WAN option.

Firmware Version	3.7.6
Release Date	1st December 2014
Applicable Models	Vigor 2925, Vigor 2925n,, Vigor2925n-Plus, Vigor2925Vn-Plus
Locale	UK/Ireland ONLY

### **New Features**

1. App-Enforcement signature updates downloadable via MyVigor <http://www.draytek.co.uk/support/guides/kb-app-e-sigupgrade>
2. New multi-level WAN backup mechanism.
3. Supports TACACS+ remote authentication.
4. Supports Virtual IP Mapping for LAN to LAN VPN tunnels, to map / NAT local IPs to a required subnet.
5. Adds the DNS filter object in [Firewall]-[General Setup] which allows the DNS filter to be applied using filter rules.
6. Configuration backup [Maintenance]-[Configuration Backup] can be password protected
7. Support for the WAN budget facility, which can notify / disable a WAN interface if it uses more than its allowed bandwidth.
8. Added [Wireless LAN]-[Station Control].
9. Support for RFC3021, a /31 subnet mask used for point to point WAN interfaces.
10. Support for customized login page image for User Management login.
11. Support for new 3G/4G dongles. (K5150/K4203).
12. Wireless LAN 5GHz - Support for DFS (Dynamic Frequency Selection). Please note that when selecting a DFS channel (52-140) the router's 5GHz wireless will stop broadcasting for 60 seconds to determine whether the channel is allowed to be used, as per the DFS specification.

### **Improvement**

1. Added Wi-Fi 5G to dashboard.
2. Support for setting a wildcard in LAN DNS.
3. LAN DNS Wildcard now supports PTR type.
4. Resolved an issue with Port-Redirection.
5. User mode password setting page allowed more characters than is supported for the password.
6. Resolved Wireless interface latency issue.
7. Resolved an issue with the wired 802.1x facility.
8. Removed FragFINN WCF option, which cannot be used in the UK.
9. Improved some wording in the router web interface.
10. Lengthened True IP DMZ DHCP lease time.
11. PPPoE WAN drop issue.
12. Bind IP to MAC page could not display "\_" in the Comment field.
13. Dashboard CPU usage display was incorrect.
14. Resolved VoIP - Phone book issue.
15. QoS speed was not accurate above 100Mbps.
16. Improved NAT sessions recycling mechanism

Firmware Version	3.7.4.2
Release Date	11th July 2014
Applicable Models	Vigor 2925, Vigor 2925n,, Vigor2925n-Plus, Vigor2925Vn-Plus
Locale	UK/Ireland ONLY

### **New Features**

(None)

### **Improvement**

1. Updated SSL for CVE-2014-0224
2. Dashboard was missing some items.

Firmware Version	3.7.4.1
Release Date	24th May 2014
Applicable Models	Vigor 2925, Vigor 2925n,, Vigor2925n-Plus, Vigor2925Vn-Plus
Locale	UK/Ireland ONLY

### **New Features**

(None)

### **Improvements**

1. Can now set USB WAN for SIP account via telnet command.
2. Wireless LAN allocated correct subnet index from DHCP server.
3. FXS speaker gain displayed correctly in VoIP call status web page.
4. Call log information now complete when the call was made by Digit Map.
5. Fixed issue with WAN1 up but Default Route disappearing when WAN2 PPPoE is down.
6. Merge CVM schedule profiles (index number from 9 to 16).
7. Add VLAN tag for WAN IPv6 packets if WAN VLAN tag is enabled.
8. Send a DHCPv6 release message before DHCPv6 WAN sends any solicitation.
9. Support a list to bypass NAT acceleration for specific port (service).

Firmware Version	3.7.4
Release Date	24th March 2014
Applicable Models	Vigor 2925, Vigor 2925n, Vigor 2925n-Plus, Vigor2925Vn-Plus
Locale	UK/Ireland ONLY

### **New Features**

1. Add URL link for dashboard panel.
2. Add station list and traffic graph for APM.
3. Support CVM (Central VPN Management) function.
4. Support dual 3G/4G modems
5. Support IPv6 for SSH.
6. New AP Management feature

### **Improvements**

1. Increase no of port redirection and open port rules
2. Enhance WCF function.
3. Add LAN access control.
4. Add TR-069 port in management setting.
5. Increase routed subnet IP pool count from 10 to 32.
6. Modify the WUI for Load-Balance/Route Policy
7. Allow longer names for VPN host/server.
8. Wireless wizard modifications.
9. DHCP lease time for subnet.
10. Able to block LINE app for PC and mobile phone.
11. Support a note for Remote Dial-in User authenticating with LDAP server.
12. Force MPPE encryption for PPTP improved with MS-CHAP v2
13. Prevent issue with SSH & WCF causing hangs/reboots in certain circumstances
14. Fixed iPhone wireless connection dropped issue.
15. SSL user can now always be joined user group.
16. Web portal setup now visible when the profile disabled.
17. Soilved issue with telnet "sys tr get Int." stability
18. Policy route issue fixed
19. L2TP mode now correctly displays WAN IP.
20. Improved some minor WUI elements

Firmware Version	3.7.3.2
Release Date	14th November 2013
Applicable Models	Vigor 2925, Vigor 2925n
Locale	UK/Ireland ONLY

**First Firmware Release for this model**

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