Release Notes for DrayTek VigorPro 5510 (UK/Ireland)

Firmware Version	3.3.6.4 (Formal Release)
Release Type	**Critical** – Upgrade recommended immediately
Build Date	3rd February 2017
Release Date	21st February 2017
Revision	62181
Applicable Models	VigorPro 5510
Locale	UK & Ireland Only

New Features

(None)

Improvements

1. Security improvements including one or more considered critical.

Known Issues

(None)

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, <u>all settings will be wiped from your router</u>.

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 <u>unless</u> 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	3.3.6.3
Release Date	25th June 2014
Build Date	5th June 2014
Applicable Models	VigorPro 5510 Only
Locale	UK/Ireland Only

New Features

(None)

Improvement

1.   Update OpenSSL for CVE-2014-0224

Firmware Version	3.3.6.2
Release Date	18th December 2012
Build Date	5th Nov 2012
Applicable Models	VigorPro 5510 Only
Locale	UK/Ireland Only

New Features

(None)

Improvement

1. Resolved an issue with FTP firmware upgrade.
2. Anti-Spam query timout value decreased.

Firmware Version	3.3.6.1
Build Date	5th Nov 2012
Applicable Models	VigorPro 5510 Only
Locale	UK/Ireland Only

New Features

(None)

Improvement

1. The firewall rule didn't apply work when the filter action is set with "Pass If No Further Match".
2. License may not activate if a proxy is installed between the router and the server.
3. User management can not be displayed on login web page normally in Safari browser.
4. Web Content Filter's cache maintenance improved
5. Corrected csm wcf server telnet command
6. Reduce the opportunity for Anti-Spam query timeout
7. When the cache for Web Content Filter is changed into (None), the cache will clean all the data in it.
8. Improved: The web authentication for user management allows you to choose HTTPS or HTTP (configured in User management>>General Setup)

Firmware Version	3.3.4
Release Date	4th Feb 2010
Build Date	25th Nov 2009
Applicable Models	VigorPro 5510 Only
Locale	UK/Ireland Only

New Features

1. New Web UI style
2. Support up to 50 SSL VPN tunnels
3. Support TR-069
4. Support LDAP for authentication VPN users
5. Support WCF (DrayTek Globalview)
6. Support 3G modem, D-Llink DWM156
7. Support AES encryption for phase I
8. Add the type of Torrent in Restrict Web Feature. Forbid customers downloading BT file.

Improvement

1. Resolved issue preventing signature upgrade via WAN2 if the WAN1 connection fails or connects to Intranet.
2. Improved reliability of signature download process.

Known Issues

(None)

Modification

1. SSTP Authentication of SSL VPN is terminated.
2. Surfcontrol WCF support removed and replaced with DrayTek Globalview

Firmware Version	3.3.3.2
Release Date	22nd Oct 2009
Build Date	4th Sept 2009
Applicable Models	VigorPro 5510 Only
Locale	UK/Ireland Only

NOTE: 3G modems listed here indicate drivers have been added but does not confirm compatibility with UK Operators. For the official list of supported models please see the Vigor5510 specification page

New Features

1. Support CICP interrupt mode.
2. Support Application Enforcement, changed from IM/P2P.
3. Support trial version (one month) for DT-KL AV/AI service.

Improvement

1. Improve the problem of CVE-2008-1447 DNS cache spoof.
2. Improve the AI/AV performance.
3. Improve the CPA performance.

Known Issue

1. CPA service will not be supported any more and this might cause web surfing to be slowed. If slow web surfed is observed, please use auto-reboot as a temporary work-around.

Modifications

1. Fix the problem of NMAP scanning DDoS.

Firmware Version	3.3.2
Release Date	29th May 2009
Applicable Models	VigorPro 5510 Only
Locale	UK/Ireland Only

New Features

1. Support auto-reboot function.
2. Support the independent Black/White list in Web Content Filter.
3. Support web firewall log.
4. Support Anti-Spam gray list.
5. Support Anti-Spam timeout reason in MIME header.
   The format is: LAN MAC address + error number
   for example: 00507fXXXXXX0004 = 00507fXXXXXX + 0004
   Error number:
   a. 0000 = unknown
   b. 0001 = quick pass while we meet timeout issue
   c. 0002 = can not connect to server
   d. 0003 = fail to send data
   e. 0004 = reply timeout
6. Support AI/AV detection counter.
7. Support alert tool for AI/AV and LAN Security Monitor – users can control the message by using alert tool.
8. Support Bandwidth limited for 2nd subnet.
9. Support VPN load balance function.
10. Support HTTP proxy (port 8080 and 3128) for Anti-Virus function.
11. Support forced DrayTek web log in.
12. The sentence "Powered by DrayTek" will be shown in block pages of Web Content Filter and Sessions Limitation. We can turn off this function in Firewall>>Firewall Rule >>Advance>>Advertisement.
13. Support CPU/Memory information displayed on System Status.
14. Support Option Icon 7.2 / Icon 225 modem (HSO driver).
15. Support UDP Traceroute. The router will deliver the forwarded information from PC forward to outside, from local host to outside.
16. Support mail alert test function.
17. Support multi-keyword item. Each object keyword can be split to three keywords by space.
18. Support service activation wizard. It is not necessary for the users to register the account from VigorPro web site. Users can use the services after finishing the wizard. However, if the user wants to do other actions like transferring or reinstalling service license, he/she must register an account.
19. Support dynamic message in Web Content Filter. Now we support:
    %SIP%, source IP Address
    %DIP%, destination IP Address, sometime it will be proxy address.
    %URL%, the target URL

%CL%, category of the web page.

%RNAME%, router name

20. Support level 2 Cache of Web Content Filter.
21. Default setting is ON. Users can turn it off by accessing Firewall>General Setup>Strict Security Checking>Web-Filter.
22. Support VigorPro cooperation mechanism. When users login the web page after VigorPro router meets some issue, the system will ask users to send information back to be analyzed.

Improvement

23. Improved the performance of Anti-Spam to prevent timeout occurances

Known Issue

24. CPA service will not be supported any more. It might cause trouble in web surfing slowly. Please use auto-reboot as a temporary work-around.

Modifications

1. Change Data Flow Monitor into LAN Security Monitor.
2. Fix the problem where mail can not be received while the AV and AS service are turned on together.
3. Fix the problem that anti-spam black/white list cannot be used when more than 8 items are set.
4. Fix the problem that keyword objects cannot be set more than 8 items.
5. Fix the problem that WAN2 will be disconnected while transparent mode is turned on.
6. Fix the problem that system will reboot while 3G is used and AV service is turned on.
7. Fix the problem that QoS can not control traffic flow for SMTP traffic.
8. Fix the problem that prevented outgoing mails in some situation.
9. Fix the problem in NAT loopback environment that can cause interference with mails
10. Fix the problem that IP unnumbered cannot work in NAT loopback environment. Now all interfaces (normal and alias) can be IP unnumbered.
11. Fix the problem that CPA web content filter could slow network operation.
12. Fix the problem that could cause a DNS cache buffer overwrite.
13. Fix the problem that caused a DNS packet parser error in malware packet.
14. Fix the problem of maintenance while NAT protocol equals to "0".
15. Fix the problem when items of IP bind MAC are over 42, a reboot could occur

Firmware Version	3.3.1 (Release)
Release Date	5th August 2008
Applicable Models	VigorPro 5510 Only
Locale	UK/Ireland Only

New Features

1. SSL VPN
2. WAN2 alias
3. Mail alert test function
4. UDP trace route
5. Support for DrayTek Smart Monitor (software due Q4/08)

Improvements

1. Anti-Spam
    a. Improve the mail receiving performance in VPN environments
    b. Improve the anti-spam function in transparent mode.
    c. Increase email queue size
    d. Reduce likelyhood of timeouts from AS server
1. Anti-Virus

    a. Enlarge the Anti-Virus sessions to support 12000 sessions

    b. Support queue packets in router to improve the out of sequence side
2. Increase the 'worst case' performance, e.g. with all facilities enabled DSL, VPN etc.
3. Fixed some 'banking' websites can not be accessed by VigorPro.
4. Correct the sessions issue between both Vigorpro devices.

First Firmware Release

[END OF FILE]