Release Notes for DrayTek Vigor 3200 (UK/Ireland)

Firmware Version	3.6.8.6
Release Type	**Critical** – Upgrade recommended immediately
Release Date	28th December 2016
Build Date	6th December 2016
Revision	61041
Applicable Models	Vigor 3200
Locale	UK Only

New Features in this Firmware

(None)

Improvements in this firmware

1. Security improvements including one or more considered critical.

Known Issues

1. Before upgrading firmware, take a configuration backup. After upgrade to 3.6.8.6 it is not possible to revert and downgrade without resetting the unit. To downgrade from 3.6.8.6 firmware, reflash earlier firmware using .rst firmware and reload the configuration backup from the previous firmware version
2. PPTP VPN Passthrough for NAT to some types of internal PPTP VPN server may prevent a VPN establishing successfully

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.

Firmware Version	3.6.8.5 (formal release)
Build Date	1st June 2016
Applied Models	Vigor3200
Locale	UK / Ireland

New Features

1. Added options in [System Maintenance] > [Management] to disable HTTPS management via TLS 1.0, TLS 1.1 or TLS 1.2

Improvement

1. Session validation method improved in Web UI

Known Issues

3. Before upgrading firmware, take a configuration backup. After upgrade to 3.6.8.5 it is not possible to revert and downgrade without resetting the unit. To downgrade from 3.6.8.5 firmware, reflash earlier firmware using .rst firmware and reload the configuration backup from the previous firmware version
4. PPTP VPN Passthrough for NAT to some types of internal PPTP VPN server may prevent a VPN establishing successfully

Firmware Version	3.6.8.3 (formal release)
Build Date	19th November 2015
Applied Models	Vigor3200
Locale	UK / Ireland

New Features

1. Web Server and SSL VPN supports TLS 1.2
2. Supports session based load balance mode, configured under [WAN] > [General Setup]

Improvement

1. Resolved some issues with Web Portal function
2. Support for TR-069 HTTP/HTTPS trigger, available in [System Maintenance] > [TR-069] "Test with Inform" button

Firmware Version	3.6.8.2 (formal release)
Build Date	11th May 2015
Applied Models	Vigor3200
Locale	UK / Ireland

New Features

(None)

Improvement

1. [System Maintenance] > [TR-069] now has a Wizard button to enter the address of the ACS server with the required URL.
2. DHCP Option 66 now supports special characters such as $ (through CLI, using "srv dhcp option" command).
3. An issue that caused problems with LAN DNS and DNS Caching has been resolved.
4. Support for the MF825A USB modem.
5. Resolved a DHCP issue with [WAN] > [Multi-VLAN] - Port Based Bridge mode.
6. Access List for router management was not working correctly when using a LAN to LAN VPN as the default route.
7. Resolved an issue with the Firewall that could stop users accessing the internet due to a session limit being applied in some circumstances.
8. User management was not working correctly when using User-Based mode.

Firmware Version	3.6.8 (formal release)
Build Date	14th January 2015
Applied Models	Vigor3200
Locale	UK / Ireland

New Features

(None)

Improvement

1. SSL3 now disabled in favour of TLS by default for SSL tunnels and web management.
2. Added TR-069 parameters to configure SNMP management.
3. Support for RFC3021 (Using a /31 Subnet Mask WAN interface).
4. Corrected issue that may have prevented fail over to a 3G Backup interface after 36 days of uptime.
5. SIP phones connected to the router's LAN could experience issues with registration under specific circumstances.

Firmware Version	3.6.7 (formal release)
Build Date	2nd July, 2014
Applied Models	Vigor3200
Locale	UK / Ireland

New Features

(None)

Improvement

1. Updated SSL for CVE-2014-0224
2. Support screen display of "DNS Cache Table".
3. Add an option to force the user clicking on a button to proceed the operation under the option of URL Redirect on LAN>>Web Portal Setup.
4. Support Huawei E303D, Vodafone K4201, and SpinCom GPRS Modem.
5. Support NS/ANY/SOA type for DNS cache.
6. Support Multiple SNMP Manager Host IP and Notification Host IP(v4 and v6).
7. Support user configured daylight saving.
8. IPv6 firewall allows incoming packets transferred to certain ports.
9. Add some TR-069 parameters for configuration:
Backup or Always On for WAN mode, DHCP relay enabled/disabled, DHCP relay IP address and Device hostname in LAN, Bind IP to MAC, Create Phase2 SA for each subnet.(IPSec) and Netbios Naming Packets Pass/Block for VPN, IPv6 Group/IPv6 Object for Firewall, SNMP, Ping Diagnosis for Diagnostics.
10. Support to block Tor tunnel ver. 0.2.3.25, hotspot shield with ver.3.19, telnet protocol by using putty or pietty, and LINE APP in 3.5.1.36 (for PC) version and in 4.1.1 version (for mobile) for APP Enforcement.
11. Support block page for DNS filter.
12. Add Wizards menu.
13. Route policy supports VPN LAN to LAN traffics.
14. Corrected some DHCP relay issues.
15. Improved handling of SSH memory usage.
16. Load Balance/Route Policy cleaned all sessions when the dropped down WAN is reconnected.
17. DDNS could not work when updating to freedns.afraid.org.
18. Could not add DHPC option 66/15.
19. Router showed wrong Syslog messages when a VPN LAN to LAN tunnel drops.
20. Router dropped all DNS packets with unknown type.
21. Improved SSH with mac.
22. VigorACS SI couldn't show Network information when DNS Filter was enabled for Vigor3200.
23. Improved External Device Status page.
24. Corrected: Remove Mhaha, getMessenger, IMUnitive,Wablet from WebIM on [CSM]>[APP Enforcement Profile].

Firmware Version	3.6.5.1 (formal release)
Build Date	13th November, 2013
Applied Models	Vigor3200
Locale	UK / Ireland

New Features

1. Support Wireless auto bandwidth limit.
2. Support LAN DNS Resolution.
3. Support DNS filter.
4. Support NTP for IPv6.
5. Support to specify SMTP port and SSL/TLS usage in Mail Alert function.
6. Support using DNS 8.8.8.8 for web content feature (WCF) licence authentication.
7. Support Editing DHCP Options (ASCII/Hex) on web user interface.
8. Support USB Device Status for modem and disk.
9. Support APPE Support List.
10. Support DHCP client identifier for some ISP. (DHCP Option 61 with PPP username/password)

Improvement

1. Improved AICCU IPv6 handling.
2. A PC can not ping to another router's IP when they are in different subnets.
3. Two IP phones behind NAT are unable to call each other after a period of time.
4. Improved USB WAN 3G modem interface
5. Prevent PPTP log-in if LAN-to-LAN profile enabled but no password set.
6. Support Cisco GRE over IPSec that replies GRE keepalive from Cisco.
7. Improved: SIP "via" information will not be modified by SIP ALG.
8. App Enforcement: Now supports blocking RaidCall (v7.0), PPStream (v2.7.0.1512), and Teamviewer (v8.0.16284, v7.0.15723).
9. SMS Alert: Added support for "messagebird.com" and "www.lusosms.com" SMS Service
10. SNMP client is unable to connect to the router on IP Routed subnet.
11. The router accepts asterisk (*) char in the administrator password.
12. No system reboot after setting LAN Port Mirror.
13. When the user accesses into a website that two categories detected by Commtouch, the router can only show/handle one category.
14. Support vodafone K3772-Z modem.
15. Bind IP to MAC function improvements
16. UPnP improvements
17. DHCP table shows Conflicted IP Address.
18. Add checkboxes of "Always On" and "Dial On" for IPv6 AICCU.
19. Add VoIP Inter-digit timeout for TR-104.

Firmware Version	3.6.3 (formal release)
Build Date	16th January, 2013
Applied Models	Vigor3200
Locale	UK / Ireland

New Features

1. Support wireless wizard.
2. Support IPv6 (including IPv6 for LPR.)
3. Support Smart Bandwidth Limit.
4. Support QoS retag.
5. Support new SMS object & notification object.
6. Support customized profile for DDNS service.
7. Support print information for client to syslog.
8. Support Web Portal for LAN

Improvement

1. Load balance policy can now be applied to WAN/VPN tunnel with dedicated source(Src) and destination(Dest) IP settings
2. Add SNMP v3.
3. Improve the setting page for VPN Profile.
4. Add limitations of maximum password length in the VPN profile.
5. Disable QoS by default for non-VoIP models.
6. Support DHCP relay function for each LAN (LAN2-LAN4).
7. Support H.323_alg passthrough.
8. Support an option of All for WAN Interface in NAT >> Open Ports.-
9. Support VLAN failsafe.
10. Add the option of RC Voice in CSM>>APP Enforcement Profile.
11. Add the checkbox of Always on and dial on for IPv6 AICCU web setting.
12. Add the option of Enable/Disable for each WAN to join auto-load balance member.
13. Support special character "-" in SMS/Recipient and WAN/Display Name.
14. Limit for LAN 2/3/4 IP Pool Counts field.
15. Bandwidth Limit can input other subnet IP address.
16. Modify the NTP domain name resolving period from once every 20 seconds to 10 seconds prior to the time specified by "automatically update interval".
17. Enabled wireless service will cause the DMZ Port issue
18. Windows 7 L2TP over IPsec client can not access VPN in the beginning of network connection.
19. The empty 2nd IP address makes firewall filter not operate.
20. Improved IPv6 AICCU neighbor packet handling
21. Corrected that dropbox is blocked when "Wujie/UltraSurf" is ticked.
22. A crash problem occurs on Syslog tool while the router sending information to Syslog.
23. Improved handling of large number of PPTP dial in/out connections established.
24. If MPPE is selected, the PPTP remote dial-in user (client) may not connect to the router.

25. PPTP VPN connection might not be established under the IPsec LAN-to-LAN tunnel of Vigor router.
26. Remote dial-in user can not create another PPTP tunnel to another PPTP server.

Firmware Version	3.3.7.2 (formal release)
Release Date	6th Aug, 2012
Build Date	17th July, 2012
Applied Models	Vigor3200
Locale	UK / Ireland

New Features

1. Support Common E-mail / Send Syslog via email.
2. Support hardware MD5/SHA1 encryption.
3. Allow Mail Alert to send emails with VPN notifications.
4. Support IP Address assignment for LAN2/3/4 subnet for dial-in users
5. Support System Maintenance > Login Customization.
6. Support three different LDAP binding methods (simple, anonymous and regular).
7. Support group configuration for SSL VPN. With this, you may specify and detail the applications and the authentication methods for different groups of user accounts.
8. Support LDAP over SSL connection (LDAPs). It will secure LDAP communication with an SSL tunnel.
9. Support multiple profiles for LDAP/AD. The administrator may use them for binding different groups of users (for example, staff from different departments).

Improvement

1. Improved: Safari browser doesn't work with user management.
2. Improved: Support browsing LDAP/AD tree and entries.
3. Improved: Add new DDNS providers (UBDdns, Oray, and Peanut Shell)
4. Improved: Support ZTE MF190J modem.
5. Improved: Improve VPN Profile web user interface.
6. Improved: Support RADIUS parameters setting for TR-069.
7. Improved: Support Maintenance >> SysLog / Mail Alert Setup parameters setting for TR-069.
8. Improved: Modify the default pool size of LAN DHCP server from 50 to 150.
9. Improved: Add a "Protocol" column in NAT >> Port Redirection page.
10. Improved: DHCP table shows many additional DHCP entries when LAN subnet mask is changed.
11. Improved: The SNMP server only reports details for WAN1 & 2.
12. Improved: Modify some SNMP information for LAN status.
13. Improved: Add a new telnet command "srv dhcp custom_option" which allows a user to enter user-defined DHCP option.
14. Improved: Support disable/enable user mode on WUI. The factory default setting is disabled.
15. Improved: Improve the compatibility with VigorACS SI v1.08.
16. Corrected: PPPoE WAN with VLAN did not work.
17. Corrected: The system coulnd't determine which LAN subnet shall be regarded as the static route in LAN>>Static route, if there are three LAN Subnets configured and VLAN1 is enabled.
18. Corrected: Only 20 port redirection rules would work simultaneously.
19. Corrected: The index 21~40 for Open Ports did not work.
20. Corrected: telnet command was not able to add more than 20 port redirections.

21. Corrected: Schedule setting does not work for WAN3/WAN4.
22. Corrected: Data Flow Monitor WAN sessions does not display values.
23. Corrected: Data Flow Monitor shows incorrect Session Limit value.
24. Corrected: WAN status shows "down" when the WAN connection detection is set as "ping detection".
25. Corrected: The WAN load-balance failover can not work well when there are more than three WANs.
26. Corrected: QoS function does not sort in correct service type.
27. Corrected: The user can not access Vigor3200 (http, https) through DMZ port when he disables 802.1q on LAN.
28. Corrected: DHCP for DMZ port can not assign IP to stations when 802.1q is enabled.
29. Corrected: The bandwidth limit for DMZ range can not be set.
30. Corrected: The session limit for DMZ host can not be set.
31. Corrected: PCs in VLAN1/VLAN2 cannot login Vigor3200's Web UI but can use Telnet to configure the router.
32. Corrected: User-Based mode of user management does not work if HTTPS management port has been changed.
33. Corrected: WAN cannot get IP from DHCP server when Block Fraggle Attack is checked in Firewall>>DoS Defense.
34. Corrected: Firewall can not block internal routing subnet packets.
35. Corrected: When authenticated by RADIUS server with options MS-CHAP and MPPE encryption, the router does not get the session key.
36. Corrected: VPN assigns wrong IP when the subnet is smaller than /24 and the DHCP server is disabled.
37. Corrected: Cannot login web user interface successfully through VPN tunnel (but it works through Telnet).
38. Corrected: Ping detection would be failed when target IP and gateway are in the same subnet.
39. Corrected: RIP over VPN does not work.
40. Corrected: My WAN IP setting does not work for PPTP in VPN NAT mode.
41. Corrected: Buffer leakage occurs when IPSec Aggressive mode is used and set with local IP address.
42. Corrected: VigorPhone350 can not be registered behind NAT after one or two weeks later.
43. Corrected: When HTTPS is disabled for User Management (with port setting 443 for HTTPS, port setting 443 for SSL VPN), the PC in WAN cannot use Smart VPN Client utility to build SSL Tunnel.
44. Corrected: An URL block profile is created with keyword object "example.com". However, the Syslog still displays http://example.com when a user visits https://example.com after enabling Syslog.
45. Corrected: Remove "Ultrasurf" from WUI.
46. Corrected: URL Content filter only sporadically blocks the configured file extension.
47. Corrected: When using URL CF (e.g. keyword object is set as "A") then other website could also be blocked.
48. Corrected: Online Status shows wrong value for Secondary DNS.
49. Corrected: Always shows LAN1 while any static route for LAN2/3/4 is set.

50. Corrected: FTP in active mode data plan doesn't work well when the user management is enabled.

Firmware Version	3.3.7
Release Date	24th March, 2010
Build Date	10th March, 2009
Applied Models	Vigor3200
Locale	UK / Ireland

New Features

1. Support SSL VPN with up to 10 VPN tunnels.
2. Support VPN Backup and Load Balance (VPN Trunking) for WAN1 and WAN2.
3. Support Multi-Certificate.
4. Support LDAP / Active Directory.
5. Add Support for additional 3G modems
6. Increase number for NAT >> Port Redirection from 20 to 40.
7. Increase number for NAT >> Open Ports from 20 to 40.
8. Increase number for WAN >> Load Balance Policy from 20 to 32.
9. Add Reset Default for 3G configuration page.

Improvement

1. Corrected: RX packets from PPTP LAN to LAN were not counted.
2. Corrected: Telnet command "ipf view" doesn't work.
3. Corrected: May set incorrect WAN IP address for DDNS registrar packet.
4. Corrected: QoS classification error for PPTP RX (receiving) traffic.
5. Improved: Modify description of Service Activation Wizard page.
1. 6, Improved: Modify 3G Modem Dial String Comment.
6. Improved: Remove Enable checkbox in Block Anonymous, Block unknown domain and Block IP address page.
7. Improved: Change Port Trigger description to Port Triggering for NAT pages.

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