

Release Note for Vigor2830 Series

Firmware Version: 3.6.3

Built Date: October 15, 2012

Applied Models:

Vigor2830/Vigor2830Vn-plus/Vigor2830n-plus (Dual Band - 2.4G/5G)

Vigor2830 series is an ADSL2+ router. It integrates IP layer QoS, NAT session/bandwidth management to help users control works well with large bandwidth. The gigabit WAN2 and 4-port gigabit LAN switch facilitates unified communication applications in business CO/remote site to handle large data from subscribed fatter pipe.

In addition, Vigor2830 series supports USB interface for connecting USB printer to share printer or USB storage device for sharing files. Vigor2830 series provides two-level management to simplify the configuration of network connection. The user operation allows user accessing into WEB interface via simple configuration. However, if users want to have advanced configurations, they can access into WEB interface through administration operation.

- File and Modem Code

- (1)For Annex A Model, (Dual Band)

- "v2830_a_363" is used for modem code 211011(Standard).
 - "v2830_a1_363" is used for modem code 211801.
 - "v2830_a2_363" is used for modem code 2121501.
 - "v2830_a3_363" is used for modem code 2211201.
 - "v2830_a4_363" is used for modem code 232201 (recommended for UK-SEG only)
 - "v2830_a5_363" is used for modem code 243601.
 - "v2830_a6_363" is used for modem code 243701.
 - "v2830_a7_363" is used for modem code 2431301.
 - "v2830_a8_363" is used for modem code 244001.
 - "v2830_a9_363" is used for modem code 2471201.

- (2)For Annex B Model, (Dual Band)

- "v2830_b_363" is used for modem code 2111112. (Standard)
 - "v2830_b1_363" is used for modem code 2111302 (recommended for Czech only)
 - "v2830_b2_363" is used for modem code 2121302.(recommended for Slovakia only)
 - "v2830_b4_363" is used for modem code 214702.
 - "v2830_b5_363" is used for modem code 2111312.
 - "v2830_b6_363" is used for modem code 215202.

➤ "v2830_b7_363" is used for modem code 246302.

New Features

- Support IPv6.
- Support Smart Bandwidth Limit.
- Support LAN wired 802.1x.
- Support SNMP v3.
- Support QoS retag.
- Support ADSL PVC to PVC binding.
- Support Fragfinn.
- Add VoIP Wizard.
- Add IPTV Wizard for T-Home in Germany.
- Support DNS setting for each LAN subnet.
- Support new SMS Object & Service.
- Support the load-balance policy function which integrates the routing requirement for IP routing subnet.
- Add a new feature that you can select HTTPS or HTTP in User Management for web authentication.

Improvement

- Corrected: Remove ADSL2/2+ Annex M support for auto mode in modulation due to the problem of compatibility.
- Corrected: Static route doesn't work when multi-subnet is enabled.
- Corrected: Routing table display error in **Diagnostic>>Routing Table** page.
- Corrected: Wrong LAN interface for static ARP is displayed.
- Corrected: Both computers with the same VLAN cannot communicate for each other when connecting to different switch.
- Corrected: A problem occurred for fixed IGMP snooping that two IPTV clients cannot watch the same channel.
- Corrected: DNS function does a force update even no WAN IP changed.
- Corrected: Remove the incorrect log of PPP start (XXX), for we don't know who the incoming client is before authenticated by CHAP/PAP.
- Corrected: Can not show the FTP file list when Android phone connecting to Vigor2830 FTP server.
- Corrected: Port redirection of WAN1 IP doesn't work when port redirection setting is not listed in WAN1 IP alias.
- Corrected: True IP DMZ may not work.
- Corrected: Configuration problems occurred in **WAN>>General Setup**.

- Corrected: Incorrect wireless country string which will be checked by Linux and MAC.
- Corrected: May meet reboot problem while running wireless AP Discovery.
- Corrected: Wireless 802.1x can't work with Linux Radius Server.
- Corrected: A user can send a FAX not only using T.38 protocol but also G.711.
- Corrected: IP Phones behind Vigor2830 cannot get registration after WAN failover (the router sent UDP packets with source port 0).
- Corrected: DHCP Relay via VPN tunnel can not work.
- Corrected: Crash problem might occur while GRE IPsec tunnel is used.
- Corrected: Cannot apply AES 192 and AES 256 on IPSec Security Method while the customer chooses options of AES without authentication in **VPN and Remote Access>> LAN to LAN** page.
- Corrected: Firewall can't block internal routing subnet packets.
- Corrected: UCF Syslog cannot show HTTP or HTTPS.
- Corrected: While using an IP routing subnet, the external client can not access internal routing client via RDP.
- Corrected: A wireless clients (using 802.1x) may not connect to Vigor2830n/Vigor2830Vn after the router reboots.
- Corrected: WAN Incoming ICMP packets can not ping "IP routing subnet" interface IP.
- Corrected: A CPE may loss connection when it connects to VigorACS server with STUN server.
- Corrected: A router without VoIP module should not have an option "VoIP" in Multi-PVCs setting page.
- Corrected: While running WCF service, the router might reboot with no reason.
- Improved: Add a Clear button in the web page for SIP account.
- Improved: Lease time on DHCP server is configurable for each subnet.
- Improved: By looking at the syslog, we can see who has acquired the IP dispatched from our router
- Improved: The router can send the TR-069 packet out via LAN interface.
- Improved: Support GRE over IPsec with CISCO. (4 bytes GRE header)
- Improved: Modify the default pool size of LAN DHCP server from 50 to 150.
- Improved: Online Status shows error secondary DNS value.
- Improved: Add new DDNS provider (UBDdns, Oray, and Peanut Shell).
- Improved: Improve Samba with Mac OS X.
- Improved: The range for Bandwidth Limit can be set from 0 to 30000.
- Improved: Port Redirection can show WAN IP for each rule in the main page.
- Improved: Improve redirection page method of User Management for Safari.
- Improved: Support blocking dropbox version 1.4.11; blocking skype version 5.10.56.116.
- Improved: Extend the ADSL state information sending to the syslog from 5 seconds to 30 seconds.
- Improved: Rename "Undefined Protocol" with "Unassigned Numbers" for the DoS

function.

- Improved: Add ADSL default settings for Sweden.
- Improved: Support more modems such as MF190J, AnyDATA ADU-500A, LG VL600 LTE, and LTE Yota LU150.
- Improved: Improve the connection performance for Huawei E398/K5005 and Sierra 320U dongle.
- Improved: Disable QoS by default for non-VoIP models.
- Improved: Enhance VoIP QoS.
- Improved: Improve ALG for SoftPhone Polycom and lift-size.
- Improved: Improve VPN Profile WUI.
- Improved: Modify UCF/WCF block web page.
- Improved: SNMP's sysDescr can show model name and firmware version.
- Improved: Support IP Route subnet parameters, firewall parameters, RADIUS parameters, WAN Connection Detection, SysLog / Mail Alert Setup parameters settings for TR-069.
- Improved: Add WAN Status Signal parameter of 3G WAN connection for TR-069.
- Improved: Rename TR-069 parameter of "InternetGatewayDevice.X_00507F_Firewall.DoSDefense.BlockUnknownProto" with "InternetGatewayDevice.X_00507F_Firewall.DoSDefense.BlockUnassignedNum".
- Improved: Modify the Telnet command of "ip arp accept <0/1/2/3/status>" to allow the ARP REPLY which Target's MAC address does not equal to Ethernet source MAC address.
- Improved: Add a new telnet command to configure IGMP Query packet interval time.
ip igmp_proxy query [msec]
- Improved: Add a new telnet command to configure flash hook minimum and maximum time for VoIP.
- Improved: Add a telnet command for VPN packets going through by NAT or not when VPN disconnects.
vpn pass2nat <on/off>

Known Issue

- None

Notes

Modifications

- None