VMG4380-B10A OBM

Firmware Release Note

1.00(AAFR.2)D0

Date:	October 27, 2014
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Revision History

Date	Release	Author	Description
2012/05/04	1.1	FuChia	FW release for 1.00(AADT.0)b1
2012/07/11	1.2	FuChia	FW release for 1.00(AADT.0)b2
2012/08/10	1.3	FuChia	FW release for 1.00(AADT.0)b3
2012/08/28	1.4	FuChia	FW release for 1.00(AAFR.0)b1
2012/09/28	1.5	HuanYao	FW release for 1.00(AAFR.0)b2
2012/11/15	1.6	HuanYao	FW release for 1.00(AAFR.0)b3
2012/12/07	1.7	HuanYao	FW release for 1.00(AAFR.0)b4
2013/01/11	1.8	HuanYao	FW release for 1.00(AAFR.0)b5
2013/01/21	1.9	HuanYao	FW release for 1.00(AAFR.0)b6
2013/03/04	1.10	HuanYao	FW release for 1.00(AAFR.0)b7
2013/03/26	1.11	FuChia	FW release for 1.00(AAFR.0)b8
2013/07/03	1.12	ShuYing	FW release for 1.00(AAFR.0)b9
2013/08/07	1.13	ShuYing	FW release for 1.00(AAFR.0)b10
2013/08/22	1.14	ShuYing	FW release for 1.00(AAFR.0)b11
2013/10/04	1.15	ShuYing	FW release for 1.00(AAFR.0)b12
2013/12/18	1.16	ShuYing	FW release for 1.00(AAFR.0)b13
2014/02/20	1.17	ShuYing	FW release for 1.00(AAFR.0)b14
2014/03/21	1.18	ShuYing	FW release for 1.00(AAFR.0)C0
2014/05/30	1.18	ShuYing	FW release for 1.00(AAFR.1)b1
2014/09/18	1.19	Chun-Hsing	FW release for 1.00(AAFR.1)D0
2014/10/14	1.20	ShuYing	FW release for 1.00(AAFR.2)b1
2014/10/27	1.21	ShuYing	FW release for 1.00(AAFR.2)D0

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Supported Platforms:

VMG4380-B10A

Versions:

Bootbase version: V1.56 | 02/21/2014 01:26:29

Firmware version : 1.00(AAFR.2)D0

Kernel version: 2.6.30

DSL modem code version: A2pv6F039i

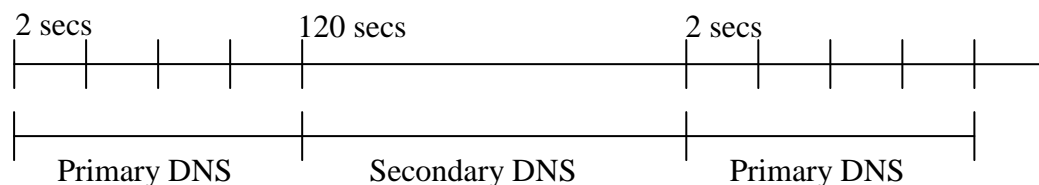DSL four band bonding modem code version: A2pv4bF038j

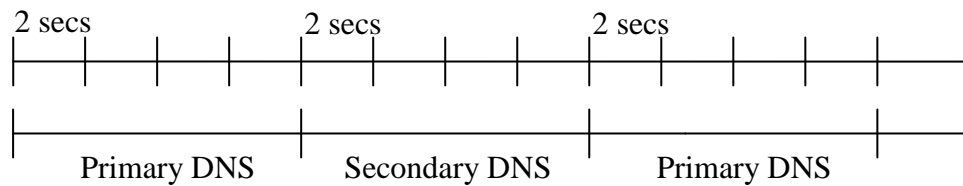DSL five band bonding modem code version: A2pvbF039n

DSL driver version: d24m

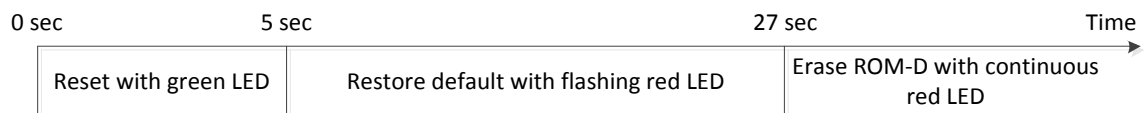WLAN code version: 6.30.102.3

Notes:

- TR069 Connection-Request port 30005 is always opened
- Primary DNS fails and secondary DNS successes.

- Primary DNS fails and secondary DNS fails.

2 secs		2 secs		2 secs	
Primary DNS		Secondary DNS		Primary DNS	

- LAN host can't ping DUT's LAN IP or WAN side host's IP when firewall setting is set to high.
- The DUT Domain name is Home.
- The default IGMP snooping is "Blocking Mode".
- In the bug with SPRID 120904188, the WPS 2.0 will be disabled automatically if the "hide SSID" is enabled. But the WPS 1.0 will NOT be disabled if the "hide SSID" is enabled. The WPS 1.0 does not have the spec. to indicate the WPS 1.0 MUST be disabled if the "hide SSID" is enabled.
- In default, the CPE creates 3 PPPoE WAN for ADSL, VDSL and ETHWAN.
- If user needs to change the ETHWAN as LAN, the CPE will need to reboot when a DSL line is up.
- The ROM-D will be erased and enter CFE after push the restore default button over 27 seconds.

0 sec	5 sec	27 sec	Time
Reset with green LED	Restore default with flashing red LED	Erase ROM-D with continuous red LED	

- User cannot configure DHCP setting in home networking page from GUI if the parameter "InternetGatewayDevice.LANDevice.{i}. LANHostConfigManagement.DHCPServerConfigurable" is set to 0 via TR-069.

Features list:

Modifications in 1.00(AAFR.2)D0 | 10/27/2014

1. Convert to FCS firmware.

Modifications in 1.00(AAFR.2)b1 | 10/14/2014

Feature Enhancement:

1. [ITS#140700501] added user always prompted for password change: User can select don't remind change password again in Change password page.
2. [ITS#140400306] Keep WANPPPConnection instance the same, after delete the PPPoE connections and add them back.
3. [ITS#140800562] SNMP show all active wan interfaces. For VDSL WAN, show "ptm0", "ptm0.1", "ptm0.2"........"ptm0.n"
4. [ITS#140800562] Make the CPE respond with its Public LAN IP when the SNMP is sent to the CPE's Public LAN IP.
5. Shorten the SNMP respond time. Only list active WAN interface for SNMP general Walk.
6. [ITS #140900598] Serial Number Not Shown on DSLAM: Send device's serial number to DSLAM via EOC
7. RIP Enhancement: can work on PPPoE mode, support disable Default Gateway, separate to control LAN/ WAN in Routing -> RIP page.
8. Upgrade DSL five band bonding modem code to A2pvbF039n.
9. Add BRCM patch for un-aligned packet issue.
10. [802.1ag] support CCM function in Diagnostic -> 802.1ag page.
    a. Add PORT/INTERFACE STATUS TLV on CCM.
    b. Interface status TLV marked as "down" when not receive CCM from Peer MEP within a period 3.5 times the interval.
    c. [GUI] Add "Send Loopback to Peer MEP" button and "Send Linktrace to Peer MEP" button. Show mac addr of peer mep after Press "Update CC status" button.)
    d. Send CFM packet without VLAN TAG if the value of VLAN ID is zero.
    e. Next Egress Identifier in LTR should contain device MAC address. LTR message shouldn't include a LTM Egress Identifier TLV. LTR message should include the Sender-ID TLV. Add Chassis ID in Reply Ingress TLV. (Chassis ID = ZyXEL_MAC_ADDR) to LTR message.

Bug Fix:
1. [SPRID 140212310]UPnP network connection speed showed 25Mbps on ADSL bonding WAN.
2. [SPRID 130722676] DUT can't boot up correctly if a USB disk is inserted.
3. [ITS# 140302412] No PPPoA Interface In The Interface Group Menu: The interface group menu shows all PPPoE or IPoE WAN interfaces as available, but does not show any PPPoA or IPoA WAN interfaces.
4. DHCPD daemon got crash when receiving option 66 parameter request but TFTP server name configuration in CPE is empty.

Modifications in 1.00(AAFR.1)D0 | 09/18/2014

2. Convert to FCS firmware.

Modifications in 1.00(AAFR.1)b1 | 05/30/2014

Feature Enhancement:
1. Support special characters for PPPoE username/password via GUI.
2. TR069 set parameter value includes special XML characters should be decoding correct by the device when server send to CPE.
3. When PPPoE username/password changed by TR069, apply this change after tr069 session complete.
4. Support IPV4 LAN DNS relay in home network page (select DNS "From ISP").
5. Support special characters `~!@#$%^&*() for WpaPsk in Wireless page.
6. Support auto detect for single line and bonded. You can set auto detect in GUI Advance page or CLI "bonding auto".
7. Use CLI command to disable the WPS physical button.
   Usage: buttondisable 1
8. Update DSL single mode modem code to A2pv6F039i
9. [CLI] support wan edit command to Enable/Disable VLAN tag.
   Usage: wan edit servicename <name> [--vlan <disable>]
           wan edit servicename <name> [--vlan <vlan id>]
           wan edit servicename <name> [--8021pq <0~7> <vlan id>]
10. Modify user account password rule to accept a period and accept the characters in password contain username.
11. Block DNS query from WAN side no matter firewall is enabled or not.

Bug Fix:
1. [SPR ID 140212306] If the interface group was composed of a IPOE wan and a option 60 criteria, the option 60 criteria would not work.
2. [SPR ID 140305156] The System Log can't show DHCP server independently when the Category had been chosen "DHCP server".
3. When select DSL Line mode as "Bonding" in advanced GUI page, keep it will always in bonding mode.
4. Enabled full cone NAT impacts the throughput in LAN to Ethernet WAN direction.
5. Wildcard function is invalid when creating new interface group using multiple option 60 criteria with a Bridge WAN.

6. Out of Memory error during firmware upgrade. There's memory leak issue of acsd (WLAN auto channel selection daemon).

7. [NAND Flash] Sometimes boot up fail after upgrade firmware. When update firmware, device tries to write image to flash and some blocks on flash are marked as bad blocks in BBT (Bad Block Table).

8. ADSL bonded connection upload speed only using 1 line when QOS is enabled.

9. If device not support HPNA, don't show HPNA entry in Status page / LAN VLAN page/ Qos classifier Configuration page/ Interface Group page / Traffic Status LAN page.

10. Disable/Enabling the WLAN Return The Wi-Fi Interface to the Default Interface Group.

11. Couldn't play multicast stream again when creating an additional DATA without VLAN.

12. GUI show error message when we add address mapping over 7 rules.

13. The link is shows as down when plug CPE's Ethernet WAN port with hub.

14. TFTP field once filled, unable to clear or delete entry. (in Home Networking->TFTP Server Name page)

15. User can download the backup configuration by URL http://<CPE_IP>/configuration-backupsettings.conf without authentication.

Modifications in 1.00(AAFR.0)C0 | 03/21/2014

Feature Enhancement:
1. Change to FCS version

Modifications in 1.00(AAFR.0)b14 | 02/20/2014

Feature Enhancement:
1. Update Bootbase version 1.56 for
   a. Power down GPHY to avoid LAN PC getting IP from ETH WAN.
   b. Change design to disable "press the reset button more than 20sec to erase ROM-D" feature in CFE.
2. When firewall is Easy level, CPE still can block DNS Amplification Attacks.
3. If select "Any_WAN" in TR-069 Client page, CPE will first choose the WAN that enabled default gateway as Connection Request URL.
4. Change OUI value from "404A03" to "FCF528". FCF528 is the front half base mac address.

Bug Fix:
1. Reset Ethernet LAN PHY in ssk initial stage in order to let LAN PC make DHCP

request and get the correct IP address from the CPE (if LAN PC already get IP from ETH WAN during bootloader stage).

2. Cannot reuse VPI/VCI 0.35 after create a new IPoA WAN interface with VPI/VCI 0.35 and then delete this IPoA interface

3. Fail to change the MTU value of WAN interface in broadband edit page.

4. [TR069] [Diagnostics] After set IPPingDiagnostics values by ACS server, CPE doesn't send "8 Diagnostics Complete" message to ACS server.
   InternetGatewayDevice.IPPingDiagnostics.DiagnosticsState=Requested;
   InternetGatewayDevice.IPPingDiagnostics.Host=www.google.com.tw;
   InternetGatewayDevice.IPPingDiagnostics.NumberOfRepetitions=3;
   InternetGatewayDevice.IPPingDiagnostics.Timeout=120;
   InternetGatewayDevice.IPPingDiagnostics.DataBlockSize=56

5. [TR069] [Diagnostics] After set DownloadDiagnostics values by ACS server and download file, some parameter value are always zero.
   SPV -> InternetGatewayDevice.DownloadDiagnostics.DiagnosticsState : Requested
   SPV -> InternetGatewayDevice.DownloadDiagnostics.DownloadURL : http or ftp URL
   GPV -> InternetGatewayDevice.DownloadDiagnostics.TestBytesReceived : 0
   GPV -> InternetGatewayDevice.DownloadDiagnostics.BOMTime :
   0001-01-01T00:00:00Z
   GPV -> InternetGatewayDevice.DownloadDiagnostics.EOMTime :
   0001-01-01T00:00:00Z

Modifications in 1.00(AAFR.0)b13 | 12/18/2013

Feature Enhancement:

1. Update DSL driver to A2x024m and five band bonding modem code to A2pvbF039g1.
2. Support of SPANSION flash. (Need upgrade bootbase version to 1.55).
3. Support to upload ROM-D via Express Tool. (Need upgrade Bootbase version to 1.54 or later).
4. User can set LAN DHCP OPTION 66 value in GUI (Home Networking->TFTP Server Name).
5. [TE CLI command] Button test: telnet to CPE and enter "sys btt 1". The output can show on telnet.
6. [TE CLI command] Usb test: "sys usb".

Bug Fix:

1. Internet led does not light up in bonding ADSL over PTM.

2. Ping & TraceRoute in Diagnostic can't work on Google Chrome only.

3. IPTV traffic for STB connected to HPNA flooding ETH LAN ports in same interface group (the group using standard mode and a bridge wan).

4. If the interface group composed by a bridge wan and option 60 criteria, option 60 not work for this group.

5. Not working in Bonding Mode with Pannaway DSLAM.

6. [PPPoE] Reconnect every 2 minutes after Authentication failed. Reconnect every 2 minutes after been rejected by the Server.

7. [PPPoE] CPE drop PPPoE session when receiving PADT and the session id match in PPPoE Session stage. Add session id match to avoid drop PPPoE session when received broadcast PADT in PPPoE Session stage.

SPRID:

1. SPRID [131018149] Add static route in IPv6 type, the field of destination IP address is not long enough to fill prefix.

2. SPRID [131018150] Add static route in IPv6 type, it has no hint to fill the prefix of the destination IP address.

3. SPRID [131025499] DUT Ethernet WAN Bi-direction throughput was lower than before version.

Modifications in 1.00(AAFR.0)b12 | 10/04/2013

Feature Enhancement:

1. HPNA statistic on GUI: Add to the GUI the respond of commands "devinf -v", "stats" and "netinf" in Diagnostic -> HPNA Statistics page (only used when HPNA as LAN).

Bug Fix:

1. Giga Ethernet WAN can't get WAN IP after DSL link up and down.

2. Stream can't display when WAN is HPNA.

3. After push Nslookup button in Diagnostic page, all button can't be release.

4. BRCM patch for FAP hang after 10 days (no network connectivity).

5. LAN DHCPv6 Not Working in Stateful Mode (LAN IPv6 Address Assign Setup select "stateful + DHCPv6 server").

SPRID:

1. SPRID[130828330] DUT will reboot when keyin ";reboot" in Diagnostic and press enter

Modifications in 1.00(AAFR.0)b11 | 08/22/2013

Feature Enhancement

1. DHCP transaction ID modification. Instead of using system uptime to calculate the transaction ID we should use system uptime + WAN interface MAC address.

Bug Fix

1. XBOX live Connection fail.
2. DHCP crash at LAN side.
3. DHCP renewal is sent out the wrong WAN interface (WAN Ping loss ARP fix).
4. [PPPoE] CPE doesn't drop PPPoE session immediately when receiving PADT in PPPoE session stage.
5. [PPPoE] Send a PADT packet with old session id before establish a new PPP connection (To fix unplug DSL line will not send PADT to terminate PPPoE session and unplug power line will not send PADT to terminate PPPoE session).
6. When viewing the ATM WAN MAC addresses, the MAC address is to be the (MAC Address on the belly label)+1

Modifications in 1.00(AAFR.0)b10 | 08/07/2013

Feature Enhancement

1. Upgrade DSL driver to A2x024k and DSL five band bonding mode modem code to A2pvbF039d

Bug Fix

1. Fix wireless scan fail issue
2. Show HPNA LAN in interface group

SPRID

1. [SPRID 130718520] MAC Address and Encapsulation is not correct on Status page
2. [SPRID 130718522] WAN interface name is not correct on Port Forwarding rule and Static Route rule.
3. [SPRID 130718523]It should display DUT WAN IP on Status page
4. [SPRID 130719574] Change DUT GUI idle timer to 60min but it still time out after 5 minutes
5. [SPRID 130722775] Enabled and disabled WAN default gateway from CLI. DUT DNS changed to static from GUI
6. [SPRID 130722778] SNMP can set WAN enable when select trust domain from remote MGMT

Modifications in 1.00(AAFR.0)b9 | 07/03/2013

Feature Enhancement

1. Support VLAN Mux on ATM PVC
2. Support trust domain list in Remote MGMT -> Trust Domain page
3. SNMP support ADSL MiB
4. Support DSL Modulation, Bitswap and SRA in Broadband -> Advanced page
5. Support the HPNA interface as a WAN port
6. Support DHCP option 121 and display in Routing -> Static Route page
7. Display Serial Number, DNS and interface status in status page
8. Support save/clean configuration to ROM-D in Configuration -> ROM-D page
9. Support manage the user account in User Account page
    -   Add, delete and edit the user account
    -   login retry and lock period mechanism
    -   User belong to user group only allow to create/edit user in its own group
10. Support CLI wan edit command
    -   wan edit servicename <name> [--status <enable/disable>]
    -   wan edit servicename <name> [--nat <enable/disable>]
    -   wan edit servicename <name> [--defaultgateway <enable/disable>]
    -   wan edit servicename <name> [--username <username> --password <password>]
    -   wan edit servicename <name> toBridge
11. PPPoE send a Termination Request before reboot via GUI or TR069

Modifications in 1.00(AAFR.0)b8 | 03/26/2013

1. [Feature Enhancement]Upgrade wireless driver from " 5.100.138.2008" to " 6.30.102.3".

Modifications in 1.00(AAFR.0)b7 | 03/04/2013

1. [SPRID:121224805] [TR069] InternetGatewayDevice.LANDevice.{i}.LANHostConfigManagement.IPInterface.1.Enable-->SetParameter=1 after disabled the LAN interface from TR-069. DUT LAN can't work again.
2. [SPRID121017277][TR069] InternetGatewayDevice.LANDevice.{i}. LANHostConfigManagement.DHCPServerConfigurable-->SetParameter=0. DUT responsed success. DUT DHCP server didn't restore to default
    *   Users cannot change the configuration of LAN DHCP setting from GUI if the

parameter is set to 0.

3. [RD INTERNAL] Wifi can't work normally and wireless pages disappeared.

4. [RD INTERNAL]Remote management is gone when login with "admin"

5. [RD INTERNAL]NAT port forwarding rule will not work when set asymmetric port range.

6. [RD INTERNAL](QoS) after delete default upsterm queue , sometimes all traffic cannot through CPE .

7. [RD INTERNAL] The throughput can only reach 65Mbps when AP wake up from MIMO power-saving mode

8. (RD Internal Issue) [UPnP] Ignore m-search or action from WAN side

Modifications in 1.00(AAFR.0)b6 | 01/21/2013

1. [SPRID:130115406] [Lan] The static DHCP can not work.

Modifications in 1.00(AAFR.0)b5 | 01/11/2013

1. [SPRID:121211531] FTP, TFTP download FW failed.

2. [SPRID:121218260] [QoS]LAN PC can't receive packets from WAN when DUT has 2 classifiers.

3. [SPRID:121218263] Console will continuous show "ping: recvfrom: Resource temporarily unavailable"

4. [SPRID:121219334] DUT WLAN channel changed to 1 automatically

5. [SPRID:121220507] WPS HW PBC Start when WPS disabled. DUT run WPS1.0 and WPS didn't show enable in GUI

6. [SPRID:121220575] [TR-064] The value shows setup success in TR-064, but GUI has no changing

7. [SPRID:121226111] [TR-069] internetGatewayDevice.LANDevice.{i}.WLANConfiguration.{i}.WEPKey.{i}. WEPKey. SetParameter= qwert. The WEP encryption didn't change to 64-bit in GUI

8. [SPRID:121220571] After enabling snmp agent and set trap manager IP to be Lan PC, DUT does not send SNMP Trap to Trap Manger PC.

9. [SPRID:121227240] DUT run IPoE WAN stress test overnight. DUT IPTV will stop and sometimes occurred go to shell

10. [SPRID:121226055] DUT run multi-wan stress test overnight. DUT occurred reboot

11. [SPRID:121219341] DUT WLAN WEP didn't change to key1 with select "Generate password automatically"

12. [SPRID:121012835] [GUI]XSS (Cross site script) issue.

Modifications in 1.00(AAFR.0)b4 | 12/07/2012

1. [SPRID:121119592] When enabled the hide SSID. The WPS1.0 can't work
2. [SPRID:121119593] The 5th Ethernet port can't work until reboot the DUT
3. [SPRID:121119564] DS-Lite can not work when VDSL PPPoE WAN interface that   do not enable PPP auto connect
4. [SPRID:121120740] [QoS] The general function fails in ADSL mode
5. [SPRID:121120741] [QoS] The Queue Setup rete limit function limit the throughput error (LAN to WAN)
6. [SPRID:121120742] [QoS] The Queue Management can't deliver traffic by weight (LAN to WAN)
7. [SPRID:121120743] [QoS] The rete limit function restrict wrong throughput (WAN to LAN)
8. [SPRID:121121783] WLAN Max clients can set wrong value
9. New Feature: support upload ROM-D via FTP.
   This can be done by uploading configuration file with the specified filename "rom-d" to CPE's FTP server
10. [SPRID: 121123927] When VDSL PPPoE and IPoE access the internet at ths same time. The IPoE and PPPoE WAN disconnect after stress test   overnight.
11. [SPRID: 121121785] When changed one of ADSL broadband setting. The others ADSL broadband changed the same setting at the same time
12. [SPRID: 121121786] The default Broadband setting issue
13. [SPRID: 121123926] When VDSL PPPoE and IPoE access the internet at ths same time. The IPoE WAN often reconnected

Modifications in 1.00(AAFR.0)b3 | 11/15/2012

1. [SPRID:120831205] [Qos]The DSCP Mark can select "AutoMark" in Class rule .
2. [SPRID:120831207] [Qos]The WAN rules in Class can't go the selected WAN when I edit the class twice.
3. [SPRID:120903099] User can't know the more AP default PSK password
4. [SPRID:120903101] When DUT WPS is unconfigure status. The PSK password didn't auto generate after WPS finished
5. [SPRID:120903105] DUT can't enable exclude DHCP Optim in QoS Class
6. [SPRID:120903072] [IPv6]The IPv6 can not work.
7. [SPRID:120903077] When WMM disabled, the DUT WLAN can change to

802.11b/g/n Mixed or 802.11n Only mode

8. [SPRID:120904188] Hide SSID can't enable successfully

9. [SPRID:120904189] account can't login DUT GUI successfully

10. [SPRID:120904232] [QoS] [Wan to Lan by ETHERNET] The class rule exculde VLan or 802.1P can not work.

11. [SPRID:120905252] LAN Pc can't play IPTV normally in Bridge Mode.

12. [SPRID:121005325] The 5 Ethenet Port can't use as LAN port

13. [SPRID:121005314] Connection Status GUI : Lan Info. Ipv6 IP address show uncomplete

14. [SPRID:121011710] DSL2 LED can't light after reset DUT to default

15. [SPRID:121015837] DUT WLAN security can't changed normally

16. [SPRID:121017280] [TR069] InternetGatewayDevice.WANDevice.{i}.WANConnectionDevice.{i}.WANPPPConnection.{i}.Username--> Set correct PPPoE username. DUT PPPoE can't connect automatically

17. [SPRID:121017281] PPPoE connect button can't work from GUI--> Status

18. [SPRID:121022717] [Network MAP]There are two the same PC icons in network map.

19. [SPRID:121022719] AuthorizedMACs in the Vendor Extension attribute from Beacons and Probe Responses fail

20. [SPRID:121022720] WPS PIN code(Method 2) can't support 4-digit PIN and PIN code with dash(xxxx-xxxx) or space(xxxx xxxx)

21. [SPRID:121022726] [WLAN]WLAN to/from xDSL throughput didn't pass PQA criteria

Modifications in 1.00(AAFR.0)b2 | 09/28/2012

1. [SPRID120903093]Ping diagnostic result is wrong.

2. [SPRID120903097]When Wan did not get IP address, Lan PC ping any domain, DUT always answer domain's IP is 192.168.1.254.

3. [SPRID120904184][TR-064] urn:dslforum-org:service:WLANConfiguration:1--> SetBeaconType with invalid caracters. DUT TR-064 will not work

4. [SPRID120831189]DHCP server of Minaddress and Maxaddress can be edit wrong value.

5. [SPRID120904230]HPNA can't work in QoS

6. [SPRID120903102]When DUT is bridge wan. The WAN PC can get IP address from

DUT DHCP server

7. [SPRID120831195] Disable Lan port1 then enable, the lan port can't work normally.

8. [SPRID120903074]DUT WLAN WPS status default is configured

9. [SPRID120903098]When general AP disabled, the more AP still can work normally

10. [SPRID120831197] [TR-069]The Classification of Qos table can set invalid value.(ex:ipaddress,macaddress...)

11. [SPRID120831191] [TR-069]WPAEncryptionModes can set invalid value.

12. [SPRID120831200] [TR-069]The Queue Setup of priority and wight can set value higher than 8 from TR069.

13. [SPRID120831199] [TR-069]The Queue Setup can't set interface from lan to wan by value "wan".

14. [SPRID120831193] [TR-069]BeaconType can't wrok normally.

15. [SPRID120903103] IGMP proxy will not work after STB play the IPTV movie

16. [SPRID120904229] [IGMP] IGMPv2 can not work.

17. [RD Internal]QoS mark DSCP incorrectly

18. [RD Internal]HPNA can't be mark DSCP

19. [RD Internal] Cannot enter GUI with customized IPv6 Address from LAN.

20. [RD Internal] ssk update WAN IP when renew IA_PD.

21. [RD Internal] The option of ICMPv6 disappear in firewall/protocol/add protocol

22. [RD Internal] IPv6 default gateway is overwritten by ssk in a static address assigned WAN.

23. [RD Internal] Lost IPv6 default gateway when address assign type changed to static from stateless in ADSL WAN.

24. [RD Internal][QoS]Edit a class then apply, the old iptables rules are not deleted.

25. Support SNMP

Modifications in 1.00(AAFR.0)b1 | 08/10/2012

1. ZyXEL Brick style GUI.
2. [Feature Add]Support 16 WAN connection.

Modifications in 1.00(AADT.0)b3 | 08/10/2012

1. [SPRID120712907][FeatureEnhancement]Support reset WAN in configuration page / Support reset firewall in configuration page.

2. [SPRID120716100]TR064 doesn't support"urn:dslforum-org:service:LANConfigSecurity:1 >Modify TR064 support list.

3. [SPRID120716101][TR064] the column "R/O" of parameter support list mark with "s", it mean that is secured, but it doesn't seem to authentication, and any one can setting. >>Modify TR064 support list.

4. [SPRID120716110][WAN] When LAN PC get DNS address via default, LAN PC can't ping any domain name.

5. [SPRID120712883][Diagnostic] Enter one URL "www.google.com.tw", then click "Ping" button. DUT will reply "Unknown Host or Unreachale Network!". Console shows "ping: bad address 'www.google.com.tw". Note: "Trace Route" and "Nslookup" are also same.

6. [SPRID120712916]Please remove the wording at Wireless bandwidth setting with both band and 5GHZ…

7. [SPRID120713035][UPnP]DUT WAN didn't link down when disabled UPnP function on LAN PC.

8. [SPRID120713990]When hide the SSID, the WPS should disable automaticlly

9. [SPRID120713002]MAC authentication enabled with empty MAC Address in allow list, the WPS should be disable

10. [SPRID120716136]can not Firmware Upgrade via IE Browser

11. [SPRID120712909][GUI]In configuration page, LAN IP address after reseting is wrong.

12. [SPRID120712884][Diagnostic] There is one wrong wording "Pin" in Maintenance\Diagnostic\Ping&Traceroute&Nslookup. Correct wording is "Ping".

13. [SPRID120713031][UPnP]UPnP connection speed rate is wrong.

14. [SPRID120713029]Lan PC connects to DUT LAN Port. Web GUI shows Connection Type is "Ethernet(undefined)".

15. [SPRID120713033][UPnP]When disabling UPnP and UPnP NAT-T function, NAT-T rules cannot be clear. Wan side still could access Lan side via NAT-T rules.

16. [SPRID120712921]When WPS add the new client by PIN method successfully, the button of the message should not display the "cancel",I think "OK" is better

17. [SPRID120713038][FeatureEnhancement]Allow the default gateway of the WAN IP address to icmp ping the gateway.

18. [SPRID120718375][IPv6]The Internet LED is RED after changing PTM WAN from IPv4 only to IPv6 only.

19. [SPRID120718363][IPv6] After setting 6RD, prefix can't add to RADVD.

20. [SPRID120718364][IPv6] After setting DS-Lite Relay Server and as default gateway, LED display red light.

21. [SPRID120712890][ATM Wan] In releae note, The default IGMP snooping is "Blocking Mode". But Web GUI shows default IGMP snooping is Standard Mode.

22. [SPRID120717244][IPv6] After using PPPoE to get EthWAN IPv6 address, "Delegate prefix from wan" drop list can't choose EthWAN in home networking page.

23. [SPRID120718377][IPv6]DUT can't ping to IPv6 Internet when DUT geted IPv6 from RA on PPPoE mode.

24. [SPRID120718361][IPv6] LAN pc can't login GUI via global ip address of br0.

25. [SPRID120719444][MGMT]All remote management services with IPv6 can't work on WAN PC.

26. [SPRID120719447][MGMT]Can't use FTP with DUT LAN IPv6 global/link-local address on LAN PC.

27. [SPRID120720567][IPv6]DUT can't get IP when enabled 6RD with DHCP type.

28. [SPRID120712901][FeatureEnhancement]Conditional DHCP option serving.

29. [SPRID120712917]Wireless reset button function fail

30. [SPRID120712918]HW button with WPS function fail

31. [SPRID120713988]When change the 802.11 mode to other, the 802.11 mode setting will disappear

32. [SPRID120713989]The password of WPA/WPA2 PSK should plain code

33. [SPRID120716133]There is no HPNA port Traffic Status

34. [SPRID120717273][Qos] DUT cannot mark DSCP value according Qos criteria for upstream(Lan to Wan) data flows.

35. [SPRID120717261]Web GUI shows "Lan6" in Web\Network Setting\LAN VLAN

36. [SPRID120718372][QoS]QoS function can't limit upstream rate on PTM.

37. [SPRID120716111][NAT]Asymmetric NAT port forwarding rule can't work normally.

38. [SPRID120716117][Interface Group]Interface Group with Criterias can't work normally.

39. [SPRID120716125][Port Trigger] After setting PPPoE wan, the port trigger can't display this wan interface to set.

40. [SPRID120716112][GUI]Typesetting of Port Forwarding rules will not alignment when Protocol selected TCP/UDP.

41. [SPRID120716113][GUI]The 2nd Note is superfluous in adding Port Forwarding page.

42. [SPRID120716129]For this model, Email Notification functionality could not be able to be for VOIP. The word "VOIP" should be removed from Web\Maintance\Email Notification page.

43. [SPRID120716132][ADSL] There is no ADSL statistics information in Web\System Monitor\xDSL Statistics.

44. [SPRID120717254][RIP]RIPv1 with Passive mode can't work normally.

45. [SPRID120717266]DNS Entry not work

46. [SPRID120717268]Can not Modify PCP rule name

47. [SPRID120712862][ADSL] DSL Up Time always shows 0 days: 0 hours: 0 minutes
48. [SPRID120712885][DSL] There is no count in Web\Status\System Status\ "DSL Retrain Count"
49. [SPRID120712886][ATM Wan] After ADSL Routing IPoE Wan obtains IP address, then click "Release" button. DUT cannot release Wan IP address.
50. [SPRID120712889][ATM Wan] Virtual Device show incorrect DSL status shown only one DSL port and always off state.
51. [SPRID120712915]The default status of wireless is wrong
52. [SPRID120713027]After clicking "Disconnect" button, DUT does not disconnect PPPoE Wan.
53. [SPRID120716118][Virtual Device]The panel in Virtual Device page is different from rear panel.
54. [SPRID120716122][Virtual Device]Virtual Device page can't detect DSL/WAN/USB/WLAN/HPNA.
55. [SPRID120716128][ADSL] Set DUT to be IPoA, routing, static IP, Web's Status page shows Wan information as "Mac address: Static". Static IP also does not be displayed.
56. [SPRID120719442][GUI]I have to try at least 2 times to login successfully when used IE browser.
57. [SPRID120713037][WAN]Only 6 WAN interfaces can be added.
58. [SPRID120716114][Interface Group]Some available LAN interfaces are superfluous in adding new interface group page.
59. [SPRID120720568][3G]3G backup can't work.

Modifications in 1.00(AADT.0)b2 | 07/11/2012

1. Change Code base from 4.12L04 to 4.12L06
2. Change GUI to Telus Style.
3. Add Telus customization feature
   - WLAN/WPS button must not enable/disable the wireless link if held for any length of time.
   - WPA/WPA2 enterprise to be removed from device GUI with admin access
   - WPA/WPA2 use 10 characters as the default key
   - Generate password automatically for 8-10 character ASCII all lowercase
   - Port forwarding rules should apply to all WAN interfaces by default
   - Allow the default gateway of the WAN IP address to icmp ping the gateway
   - IGMP Setting for IGMP Proxy ,IGMP Filter and IGMP ACL.
   - Conditional DHCP option serving.

- Broadband bridge buttom.
- MAC filter support FORWARD and BLOCK mode
- Support reset wireless in configuration page
- Support reset WAN in configuration page
- Support reset firewall in configuration page
- EthWAN automatically detect
- Support Multilingual.

Modifications in 1.00(AADT.0)b1 | 05/04/2012

1. Release 1.00(AADT.0)b1.

Default Settings in 1.00(AAFR.2)D0

Please refer to 100AAFR2D0.rom for more detail. It can be viewed by text editor. Recommend to use XML parser to get well organization result.

1. Username and password
   (1) Administrator: admin/1234
2. GUI configuration: http://192.168.1.1/

Public Domain Software Announcements

The following public domain software are used in this firmware release:

- MIPS Linux kernel, version 2.6.30

  http://www.linux-mips.org or http://kernel.org

- Bridge-Utils 1.2

  http://bridge.sourceforge.net

- BusyBox 1.0.0 toolset

  http://www.busybox.net/

- Dproxy: dproxy-nexgen

  http://dproxy.sourceforge.net

- ebtables 2.0.6

  http://ebtables.sourceforge.net

- bftpd 1.0.24

  http://www.bftpd.org/

- iproute2   iproute2-2.4.7-now-ss020116-try.tar.gz

  http://www.linuxgrill.com/anonymous/iproute2

- iptables-1.4.0

  http://www.netfilter.org

- udhcp 0.9.6

  http://udhcp.busybox.net/

- zebra 0.93

  http://www.zebra.org/

- ppp 2.4.1

  http://www.roaringpenguin.com/pppoe

- Ssh server: dropbear v0.46

  http://matt.ucc.asn.au/dropbear/dropbear.html

- openssl: openSSL library v0.9.7f

  http://www.openssl.org

- mailsend v1.15b5

  http://www.muquit.com/

- radvd v1.7

  http://www.litech.org/radvd/

- ntfs-3g: ntfs-3g 2009.4.4 integrated FUSE 27

  http://ntfs-3g.org

- WIDE-DHCPv6: wide-dhcpv6-20061016

http:// http://wide-dhcpv6.sourceforge.net/

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