GP4202 Software Release Notes

Uplink

**About This Document**

This Document provides a general description of the release and its new features. It also describes additions or changes, resolved issues, and any relevant open issues by the release.

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| Version | V1600G1B\_V1.3.5R\_\_202210180849 |
| Date | 20221018 |
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| Item | The description of the release and its features. |
| 1 | Optimization：The LAN port capacity supporting 2.5G, 5G, 10G, 25G, 40G. |
| 2 | Fix bug：About IPv6 SLAAC MTU. |
| 3 | Fix bug: About the ipv6 prefix is too long to display. |
| 4 | Fix bug: About onu detail info sn display. |
| 5 | Fix bug: About rpg. |
| 6 | Fix bug: About the second configuration of onu port speed limit uplink and downlink speed does not take effect. |
| 7 | Optimization：About onu\_pri\_adv\_support default enable. |
| 8 | Fix bug: About web system log page. |

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| Version | V1600G1B\_V1.3.4R\_202209061907 |
| Date | 20220906 |
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| Item | The description of the release and its features. |
| 1 | Fix bug： CS ems upgrade olt failed. |
| 2 | Fix bug： Flash 100% by auto-backup,auto save and schedule reboot funciton. |
| 3 | Fix bug: About web info show. |
| 4 | Optimize: About key chain. |
| 5 | Fix bug：About changing and save vty timeout value. |
| 6 | Fix bug：About dhcpsnooping causes ONU fail to get ip. |
| 7 | Fix bug: About adding rip network causes Segmentation fault when rip is disable. |
| 8 | Fix bug: About hostname, limit to less then 32 characters. |
| 9 | Fix bug: About web onu DHCP Server Configuration submit failed. |
| 10 | Optimize: About DHCP relay and DHCP snooping. |
| 11 | Fix bug: About removing web QinQ customer cos and service cos config. |
| 12 | Fix bug: About rpg. |
| 13 | Fix bug: About psg, fail to change active pon on web. |
| 14 | Add function: ONU/Pri Profile WIFI6. |
| 15 | Optimize: About CLI no service-port. |
| 16 | Fix bug: About dhcpv6 prefix. |
| 17 | Fix bug: About command line pon range configuration |
| 18 | Fix bug: Delete command "mac-address source-mac (unknown-drop|move-learn|move-drop) enable" and "no mac-address source-mac (unknown-drop|move-learn|move-drop)" |
| 19 | Optimize: About license key time-limit support 90 days. |
| 20 | Fix bug: login username differ uppercase and lowercase |
| 21 | Fix bug: ONU 3310d-8g lan8 port information display error |
| 22 | Optimize: About syslog max num. |

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| Version | V1600G1B\_V1.3.3R\_202207291617 |
| Date | 20220729 |
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| Item | The description of the release and its features. |
| 1 | NWE：DHCP relay option82. |
| 2 | Fix bug： About option82 GPONSN. |
| 3 | Fix bug： About delete offline ONU. |
| 4 | Fix bug： About Remote Protection Switch Group. |
| 5 | Fix bug：About service-port. |

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| Version | V1600G1B\_V1.3.2R\_202207141054 |
| Date | 20220714 |
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| Item | The description of the release and its features. |
| 1 | Fix bug: About snmp Dynamic LACP. |
| 2 | Fix bug: About TACACS+. |
| 3 | Fix bug: About plug and play. |
| 4 | Fix bug: About onu port speed and state show. |
| 5 | Fix bug：About IGMP general query. |
| 6 | Fix bug: About IPv6 MLD. |

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| Version | V1600G1B\_V1.3.1R\_202206141515 |
| Date | 20220614 |
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| Item | The description of the release and its features. |
| 1 | New：About setting SNMP remote server account. |
| 2 | New：Support getting all ONU optical power statistics on PON by command. |
| 3 | Optimization: Improve SSH/TELNET access speed |
| 4 | Fix bug：About ONU manual add on WEB. |
| 5 | New：catv turn on/off web and snmp |
| 6 | New: About AAA, none, local, tacacs+/radius can be used in a reasonable combination. |
| 7 | Fix bug: About getting vlan table on BS-EMS. |
| 8 | Optimization: About adapt to HUAWEI ONU EG8010H. |
| 9 | Fix bug: About ONU mac limit. |
| 10 | Fix bug: About DHCP SNOOPING. |
| 11 | Fix: Support nagative temperature for EDFA. |
| 12 | New: Support QinQ Range on uplink port |

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| Version | V1600G1B\_V1.3.0R\_202204180842 |
| Date | 20220418 |
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| Item | The description of the release and its features. |
| 1 | Fix bug: About deactivate onu but will online soon. |
| 2 | Support: About dhcp snooping and relay coexist. |
| 3 | Fix bug: About SNMP OID and uptime. |
| 4 | Optimization: About support Firefox browser(98.0.2) |
| 5 | Fix bug: About option82 circuit ID |
| 6 | Fix bug：About delete dba profile. |
| 7 | Fix bug: About ONU illegal register |
| 8 | Fix bug: About uplink port. |

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| Version | V1600G1B\_V1.2.9R\_202203141142 |
| Date | 20220314 |
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| Item | The description of the release and its features. |
| 1 | Fix bug: About show onu eth |
| 2 | Fix bug: About tcont name contains spaces. |
| 3 | Add command：About onu auto learn profile by profile\_id. |
| 4 | Fix bug: About LOOPBACK. |
| 5 | Fix bug：About PRTG get pon/onu statistics. |
| 6 | Fix bug：About get igmp profile error. |
| 7 | Fix bug：About VLAN. |
| 8 | Fix bug：About dylacp on web. |
| 9 | Fix bug：About Vlan List contains Chinese characters. |
| 10 | Fix bug：About access AUX IP by uplink port. |

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| Version | V1600G1B\_V1.2.8R\_202112302053 |
| Date | 20211231 |
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| Item | The description of the release and its features. |
| 1 | Fix bug: About PortVlan |
| 2 | Fix bug: About show running-config |
| 3 | Fix bug: About custfs |
| 4 | Optimize: About profile line, tcont dba profile can be configured by id. |
| 5 | Add new command for supporting onu bind auto-lean profile by profile id. |

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| Version | V1600G1B\_V1.2.7R\_20211202101013 |
| Date | 20211202 |
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| Item | The description of the release and its features. |
| 1 | Adjust width to fix 'Fix-Time(Monthly)'. |
| 2 | Fix bug: About accessing web failed. |
| 3 | Fix bug：Delete onu failed while onu in processing state. |
| 4 | Fix bug：About segmentation fault. |
| 5 | Fix bug: About deleting offline onus in manual upgrade causes Segmentation fault. |

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| Version | V1600G1B\_V1.2.7R\_20211119084019 |
| Date | 20211119 |
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| Item | The description of the release and its features. |
| 1 | Fix & Optimize：About Remote Protection Switch Group |
| 2 | Fix：About Traffic Profile |
| 3 | Fix：Error onu offline reason |
| 4 | Fix：Telnet management will cause segmentation fault. |
| 5 | New Command：Support setting waiting time of telnet re login after password error exceed 3 times。 |
| 6 | Fix：About onu optical alarm |
| 7 | NEW：Support mac-limit base on onu/onu-port |

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| Version | V1600G1B\_V1.2.7R\_202111080924 |
| Date | 20211108 |
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| Item | The description of the release and its features. |
| 1 | New：txt， pdf and csv format support about download system log |
| 2 | Add new onu type:HG3221D-4G2S2NAC、V2804AC-Z |
| 3 | New：ONU port mac limit |
| 4 | New: ONU mac limit |
| 5 | New：Remote Protection Switch Group |
| 6 | Fix bug： About onu autolearn and pon protection |
| 7 | Fix bug：About GE can link up but dosen't forward data stream |
| 8 | Fix bug: About PON isolate config save |
| 9 | New: Telnet login management |

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| Version | V1600G1B\_V1.2.6R\_20211014113932 |
| Date | 20211014 |
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| Item | The description of the release and its features. |
| 1 | Fix bug about login-access-list |
| 2 | Fix: Binding OnuProfile failed on fuzzy matching type of onu autobind. |
| 3 | New：control ONU CATV by VTY |
| 4 | New：Aobut auto-copy & auto-backup of config file |
| 5 | New：Abou protocol rate-limit |
| 6 | New：About onu port and gemport rate-limit |
| 7 | Optimize:About delete onu PortVlan will goto trunk mode on web. |
| 8 | Optimize：Forbidden empty onu profilename. |
| 9 | Fix bug: About psg onu description. |
| 10 | Fix bug: About set onu portvlan fail in vty. |
| 11 | Add dhcpv6 relay option18 |
| Date | 20211025 |
| 12 | Fix:About service-port |
| 13 | Optimize：About service-port in Cvlan Range Transparent mode |
| 14 | Optimize：About onu service-port and line profile |
| 15 | Fix & Optimize：About icmp/icmpv6/igmp/dhcp/dhcpv6 rate-limit |
| 16 | Fix：about pon isolate config save |

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| Version | V1600G1B\_V1.2.5R\_202109160905 |
| Date | 20210916 |
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| Item | The description of the release and its features. |
| 1 | Fix:ONU Service Port Description. |
| 2 | Fix bug: About protection switch group with autofind. |
| 3 | Fix bug：About PON Range Configuration |
| 4 | Fix bug：About iphost vlan |
| 5 | Fix：About onu autodelete. |
| 6 | Optimize: About display temperature. |
| 7 | New function：On ONU AutoBind, user can select the matching type as fuzzy matching or exact matching about onu's equipment ID. |

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| Version | V1600GxB\_V1.2.4R\_202107231500 |
| Date | 20210723 |
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| Item | The description of the release and its features. |
| 1 | Fix bug: dhcp relay not work. |
| 2 | Modify: remove ssh key update after reboot. |
| 3 | Fix bug: igmp configuration lost after reboot. |
| 4 | Fix bug: some onu’s registering will cause device halt. |
| 5 | Fix bug: some problems while LACP and RSTP run. |
| 6 | Modify: save syslog and configuration file to usb-disk regularly. |
| 7 | Fix bug: failed to set jumbo frame . |

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| Version | V1600GxB\_V1.2.3R\_20210605173928 |
| Date | 20210605 |
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| Item | The description of the release and its features. |
| 1 | Support ONU Service |
| 2 | Support uboot cpld upgrade |
| 3 | Support ONU H115、HG325N、H313、HG323RWV3.7L |
| 4 | Optimize ipv6 ssh |

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| Version | V1600G1B\_V1.2.1R\_20210510162552 |
| Date | 20210510 |
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| Item | The description of the release and its features. |
| 1 | Support V1600G0-B2. |
| 2 | Optimize memory leak for snmp. |
| 3 | Fix bug: About onu/pri profile wifi ssid name is incorrectly displayed when the length of the name is 32 characters. |
| 4 | Optimize checking web onu/pri profile wifi ssid name input. |
| 5 | Optimize ONU/Pri Profile 5G WIFI MESH. |
| 6 | Support configing onu service port for every PON port. |
| 7 | Optimize getting ethaddr from environment variable after getting ethaddr from eth0 failed. |
| 8 | Optimize multi-mvlan. |
| 9 | Fix bug: psg online/offline msg sync |

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| Version | V1600G1B\_V1.1.9R\_20210415115306 |
| Date | 20210415 |
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| Item | The description of the release and its features. |
| 1 | Optimize onu upgrade |

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| Version | V1600G1B\_V1.1.8R\_20210409153449 |
| Date | 20210409 |
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| Item | The description of the release and its features. |
| 1 | Support FIT Networks customization |
| 2 | Support V1600G0-B1, V1600G1-B1 |
| 3 | Optimize ONU Upgrade |
| 4 | Fix bug: Get not exist onu information cause system reboot when onu upgrade is enable |
| 5 | Fix bug: CS EMS can’t stop onu upgrade |
| 6 | Fix bug: delete not support ONU 5G wifi 20/40/80MhZ config |
| 7 | Fix bug: delete multicast vlan config page, broadcom gpon not need this function |
| 8 | Fix bug: BS EMS ONU Port number not correct on onu port config page |
| 9 | Fix bug: port state display not correct when unplug the fiber |
| 10 | Fix bug: onu detil info sysuptime not correct |
| 11 | Fix bug: command show mac address-table pon 2 not take effect |
| 12 | Optimize P2P |
| 13 | Fix bug: 2801RD can not get ip when dhcp snooping is enbale |
| 14 | Fix bug: 2820D multicast config not take effect |

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| Version | V1600G1B\_V1.1.7R\_20210325165713 |
| Date | 20210326 |
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| Item | The description of the release and its features. |
| 1 | Fix bug: can not connect after modifying the snmp port. |
| 2 | Fix bug: can not connect after modifying the web port. |
| 3 | Fix bug: battery is charging when not connect battery. |
| 4 | Fix bug: TCON can not binding type 2 dba profile. |
| 5 | Fix bug: igmp multicast capacity test cause segementation fault. |
| 6 | Fix bug：igmp profile Fast-Leave argement display not correct. |
| 7 | Fix bug: usb led not work. |
| 8 | Fix bug：can’t bind onu profile. |
| 9 | Optimize rogue onu. |
| 10 | Optimize ipv6 route web. |
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| Version | V1600G1B\_V1.1.6R\_20210315182419 |
| Date | 20210315 |
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| Item | The description of the release and its features. |
| 1 | Fix bug：display battery voltage not exact |
| 2 | Fix bug：Lock license-onu limit delete onu not release onu id |
| 3 | Fix bug：dhcp server interface binding |
| 4 | Fix bug：delete igmp user vlan cause dead cycle |
| 5 | Fix bug：disable igmp snooping, multicast group limit not reset |
| 6 | Fix bug：onu loopback not alarm |
| 7 | Fix bug：igmp profile NonMatchGroup argement display not correct |
| 8 | Fix bug：onu auto bind equipment id not check legality |
| 9 | Fix bug：disable auto learn, and then click apply , onu will auto learn |
| 10 | Fix bug：delete offline cause segmentfault when onu auto upgrade |
| 11 | Fix bug：can’t bind onu profile |
| 12 | Fix bug：web mac table not display learn mac form pon |
| 13 | Fix bug：onu status alive time display not exact |
| 14 | Fix bug: disk space not free after save configuration |
| 15 | Fix bug: failed to onu manually add to obtain loid leads to deadlock |
| 16 | Optimize lacp |
| 17 | Optimize mac flapping |
| 18 | Optimize dhcp snooping option82 |
| 19 | Optimize rogue onu |
| 20 | Optimize igmp snooping |
| 21 | Optimize vlan web |
| 22 | Optimize psg |
| 23 | Optimize alarm |

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| Version | V1600G1B\_V1.1.5R\_20210206175154 |
| Date | 20210206 |
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| Item | The description of the release and its features. |
| 1 | Fix bug：Huawei HG8321R downstream slow when switch from routing mode to bridge mode |

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| Version | V1600G1B\_V1.1.4R\_20210203170707 |
| Date | 20210203 |
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| Item | The description of the release and its features. |
| 1 | Fix bug：rogue onu cuase hostapp segmentfault |
| 2 | Fix bug: auto find manual auth not fill sn information |

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| Version | V1600G1B\_V1.1.3R\_20210202174728 |
| Date | 20210202 |
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| Item | The description of the release and its features. |
| 1 | Fix bug：Manual sn auth config failed |
| 2 | Fix bug：Receive Power display error：hide Receive Power function |
|  | Fix bug：segmentfault while fist boot |
| 3 | Optimize psg |
| 4 | Optimize command, check filename |
| 5 | Optimize rogue onu |
| 6 | Add user login log |

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| Version | V1600G1B\_V1.1.2R\_20210121154917 |
| Date | 20210121 |
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| Item | The description of the release and its features. |
| 1 | Fix bug：omci packet crc error cuase gponapp segmentfault |
| 2 | Fix bug：mro-tek sysDescr |
| 3 | Fix bug：remove 2801s wan bridge option |
| 4 | Fix bug：bs not get onu detail info |
| 5 | Fix bug：pon receive power |
| 6 | Fix bug：GPON-OLT-class C+++ auth slowly |

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| Version | V1600G1B\_V1.1.1R\_20210112204340 |
| Date | 20210112 |
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| Item | The description of the release and its features. |
| 1. | Fix bug：port autoneg |
| 2 | Fix bug：switch active pon port，pon protect unvalid |
| 3 | Fix bug：pon protect revertive time not check |

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| Version | V1600G1B\_V1.1.0R\_20210111103052 |
| Date | 20210111 |
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| Item | The description of the release and its features. |
| 1. | Support Type b |
| 2 | Support System all-in-one upgrade |
| 3 | Support iphost |
| 4 | Support ONU igmp |
| 5 | Support usb |
| 6 | Support IP source guard |
| 7 | backup config file when load factory defaults, it can be restore on debug mode |
| 8 | display software version and software create time on config file |
| 9 | Support system process monitoring |
| 10 | Support onu modify |
| 11 | Support mac address search |
| 12 | Support gemport rate limit |
| 13 | Optimize plug and play |
| 14 | Optimize vty limit |
| 15 | Optimize dhcp debug |
| 16 | Telnet kernel need password auth |
| 17 | Fix bug: terminal never timeout after remote login |
| 18 | Fix bug: Uplink port not forward stream |
| 19 | Fix bug: Huawei hg8310m auth |
| 20 | Fix bug: enable auto-learn, after that disable auto-learn, onu can’t online again |
| 21 | Fix bug: config portvlan cause sementation fault |
| 22 | Fix bug: hg323rw,hg3236n onu upgrade failed |
| 23 | Fix bug: dhcp snooping not display binding list |

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| Version | V1600G1B\_V1.0.8R\_20201217133938 |
| Date | 20201218 |
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| Item | The description of the release and its features. |
| 1. | Support Type b |
| 2 | Support System all-in-one upgrade |
| 3 | Support iphost |
| 4 | Support ONU igmp |
| 5 | Support usb |
| 6 | Support IP source guard |
| 7 | backup config file when load factory defaults, it can be restore on debug mode |
| 8 | display software version and software create time on config file |
| 9 | Support system process monitoring |
| 10 | Support onu modify |
| 11 | Support mac address search |
| 12 | Support gemport rate limit |
| 13 | Optimize plug and play |
| 14 | Optimize vty limit |
| 15 | Optimize dhcp debug |
| 16 | Telnet kernel need password auth |
| 17 | Fix bug: terminal never timeout after remote login |
| 18 | Fix bug: Uplink port not forward stream |
| 19 | Fix bug: Huawei hg8310m auth |
| 20 | Fix bug: enable auto-learn, after that disable auto-learn, onu can’t online again |
| 21 | Fix bug: config portvlan cause sementation fault |

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| Version | V1600G1B\_V1.0.7R\_20201121151737\_GOIP\_BSNL |
| Date | 20201121 |
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| Item | The description of the release and its features. |
| 1. | Custom username/password |
| 2 | Disable telnet (There should be option in the FW to enable / disable) |
| 3 | Disable snmp (There should be option in the FW to enable / disable) |
| 4 | Default enable loopback detect and mode manual recovery in firmware |
| 5 | NTP Server should be enable by default Indian server GMT +05:30, ntp server address by default 216.239.35.4 |
| 6 | Support p2p. |
| 7 | Hide vlan pon port option. |
| 8 | Hide dynamic vlan information until manually created. |
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| Version | V1600G1B\_V1.0.4R\_20201027120100\_BSNL |
| Date | 20201027 |
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| Item | The description of the release and its features. |
| 1. | Custom username/password |
| 2 | Disable telnet (There should be option in the FW to enable / disable) |
| 3 | Disable snmp (There should be option in the FW to enable / disable) |
| 4 | NTP Server should be enable by default Indian server GMT +05:30, ntp server address by default 216.239.35.4 |
| 5 | Fix bug: onu upgrade state immediately echo success when upgrade again |
| 6 | Fix bug: memory usage increases over time(dev\_mgmt\_daemon) |