V1600G1-B Series Software Release Notes

v-solution

**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\_V1.4.14R\_202509081709 |
| Date | 20250908 |
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| Item | The description of the release and its features. |
| 1 | New: Add pri include wan nat66 and wifi advanced config. |
| 2 | Optimize: About the onu search, snmp, etc. |

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| Version | V1600G1B\_V1.4.13R\_202508221327 |
| Date | 20250822 |
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| Item | The description of the release and its features. |
| 1 | Optimize: About radius. |
| 2 | Fix bug: About deploy, igmp. |

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| Version | V1600G1B\_V1.4.12R\_202508071813 |
| Date | 20250807 |
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| Item | The description of the release and its features. |
| 1 | New: Add onu rapid deploy. |
| 2 | Optimize: About the syslog, radius, auto-upgrade, etc. |
| 3 | Fix bug: About the profile cli, search ONU, traceroutec, etc. |

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| Version | V1600G1B\_V1.4.11R\_202507141345 |
| Date | 20250714 |
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| Item | The description of the release and its features. |
| 1 | Optimize: About the vlan config, bs, etc. |
| 2 | Fix bug: About the web dispaly, cli , ntp, error, etc. |

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| Version | V1600G1B\_V1.4.10R\_202506271122 |
| Date | 20250627 |
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| Item | The description of the release and its features. |
| 1 | New: Add perf-stats info/cfg of Pon and Uplink. |
| 2 | Optimize: About the download onu info, etc. |
| 3 | Fix bug: About the security\_dos, etc. |

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| Version | V1600G1B\_V1.4.9R\_202506121725 |
| Date | 20250612 |
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| Item | The description of the release and its features. |
| 1 | New: Add web of Open Source License. |
| 2 | Optimize: About the validity, display web, std tr069, rpg, dhcp, etc. |
| 3 | Fix bug: About the snmp, traceroute, profile, gemport, lacp, rpg, gateway, etc. |

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| Version | V1600G1B\_V1.4.8R\_202504101109 |
| Date | 20250410 |
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| Item | The description of the release and its features. |
| 1 | New: Add lldp global vlan. |
| 2 | Optimize: About mac table, modify default dba\_profile, snmp, add igmp group member detail, mstp, rogue onu, snmp, rpg, snmp trap, uplink protect, etc. |
| 3 | Fix bug: About the ssh, cli\_log, dhcp, rx pwr, ipv6 addr, tac, profile display, alarm, rad, ospf, traffic policy, dhcpv6, hostname, lldp, etc. |

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| Version | V1600G1B\_V1.4.7R\_202410181713 |
| Date | 20241018 |
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| Item | The description of the release and its features. |
| 1 | New: Add ONU upgrade timing. |
| 2 | Optimize: About curl, vtys limit, snmp adn bs for vince, omci cli, partition b info, etc. |
| 3 | Fix bug: About the cos list, eth, etc. |

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| Version | V1600G1B\_V1.4.6R\_202409111055 |
| Date | 20240911 |
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| Item | The description of the release and its features. |
| 1 | New: Add upload configfile partly. |
| 2 | Optimize: About mac flapping, alarm, rad, tac, trap, upgrade, snmp, onu alarm, syslog, rpg, arp, onu autofind, dhcp option82, license updatekey, onu pw authorization, etc. |
| 3 | Fix bug: About the log, auto Backup configuration, snmpv3, info display, etc. |

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| Version | V1600G1B\_V1.4.5R\_202405081547 |
| Date | 20240508 |
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| Item | The description of the release and its features. |
| 1 | New: Add master\_work\_state\_lock. |
| 2 | Optimize: About arp,snmp,switchport vlan,etc. |
| 3 | Fix bug: About tacacs+,dhcp,the mib of snmp, variable\_vlan,plug\_and\_play,gemport,etc. |

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| Version | V1600G1B\_V1.4.4R\_202404030949 |
| Date | 20240403 |
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| Item | The description of the release and its features. |
| 1 | New: Add Multi-user management(role manage). |
| 2 | New: Add remark-dscp and remark-8021p in traffic behavior. |
| 3 | New: Add function onu pre config. |
| 4 | New: About pipeline command include/exclude/begin to filter output. |
| 5 | New: Add pppoe+. |
| 6 | New: Add onu/pri profile MQTT. |
| 7 | New: Add lldp. |
| 8 | New: Add arp. |
| 9 | New: Add bgp. |
| 10 | New: Add onu/pri profile Reset Button control. |
| 11 | Optimize: About display of web ,the onu status list,the onu info,ipv6,onu-profile,acl,the info of snmp,dhcp,mac flapping,radius,etc. |
| 12 | Fix bug: About the rogue onu,dhcp,the uploading of system log,snmpv3,the onu list,profile,the illegal dns addr,ospf,ipv6,slaac,rstp,some readings,rpg,profile,wan\_adv port binding,etc. |

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| Version | V1600G1B\_V1.4.3R\_202311231126 |
| Date | 20231123 |
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| Item | The description of the release and its features. |
| 1 | Fix bug: About the display of web and snmp. |
| 2 | Optimize: About catv. |
| 3 | Fix bug: About diag information. |
| 4 | Fix bug: About the special symbols. |
| 5 | Fix bug: About the func of web and bs. |
| 6 | Optimize: Add the option of all-offline to the onu list. |

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| Version | V1600G1B\_V1.4.2R\_202310081752 |
| Date | 20231008 |
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| Item | The description of the release and its features. |
| 1 | Fix bug: About some readings. |
| 2 | Fix bug: About snmp uploading. |
| 3 | Fix bug: About ssh. |

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| Version | V1600G1B\_V1.4.1R\_202309081602 |
| Date | 20230908 |
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| Item | The description of the release and its features. |
| 1 | Fix bug: About onu. |
| 2 | Fix bug: About OMCI,BBF TR-069 management server. |
| 3 | Fix bug: About dba profile. |
| 4 | New: Add igmp group member detail about onu. |
| 5 | Fix bug: About mac flapping. |
| 6 | Fix bug: About telnet. |
| 7 | New: Add igmp allow group. |
| 8 | New: Add onu schedule reboot. |
| 9 | Fix bug: About support directory with upload. |
| 10 | Fix bug: About pon optical module slope for "+++". |
| 11 | Optimize: About stdTr069 and stdcatv. |
| 12 | Fix bug: About avoiding downgrade. |
| 13 | Fix bug: About releasing imx rate limit before download. |
| 14 | Optimize: About gemport downstream encryption control. |
| 15 | Fix bug: About limiting the special symbols and length and scope. |
| 16 | Fix bug: About dhcp and igmp. |
| 17 | Fix bug: About About the rights of common users. |
| 18 | Fix bug: About alarm. |
| 19 | Fix bug: About pon mac table more than 33 macs. |

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| Version | V1600G1B\_V1.4.0R\_202307101022 |
| Date | 20230710 |
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| Item | The description of the release and its features. |
| 1 | Fix bug: About traffic policy's name length range is inconsistent. |
| 2 | Fix bug:dhcp relay sends repeated packet when other vlans config the same dhcp relay server. |
| 3 | Fix bug: About cpu line-rate running config. |
| 4 | Fix bug: About destroying vport when add vlan egress action failed. |
| 5 | Fix bug: snmp profile bind. |
| 6 | Fix bug: About tacacs causes segment error. |
| 7 | Fix bug: About web, cli, snmp, bs onu igmp. |
| 8 | New: Add Onu-based Mac flapping. |
| 9 | Fix bug: About bout engineid cannot be saved after restart. |
| 10 | Fix bug: About the uplink port negotiates the rate readback. |
| 11 | Optimize: About onu description max len supports 64 chars. |

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| Version | V1600G1B\_V1.3.9R\_202305101714 |
| Date | 20230510 |
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| Item | The description of the release and its features. |
| 1 | Fix bug: About ssh. |
| 2 | Fix bug: About snmp. |
| 3 | Fix bug: About radius's relevant configuration. |
| 4 | Fix bug: About snmp sysuptime needs to be changed to readable time. |
| 5 | Add function: ONU/Pri Profile H.248 Signal/Media Alone Setting. |
| 6 | Optimize: About supporting accessing web through http. |
| 7 | Fix bug: About DUDE. |
| 8 | Fix bug: About add service-port fail with table full. |
| 9 | New: Add traffic policy. |
| 10 | Fix bug: About password encryption display about snmpv3. |
| 11 | Fix bug: About onu auto bind Equipment ID. |
| 12 | Add function: ONU/Pri Profile MAC ACL. |
| 13 | Fix bug: About vendor name and pn of pon optical module. |
| 14 | Fix bug: About set loid auth state. |
| 15 | Fix bug: About Copyright date. |
| 16 | Fix bug: About bs-ems fan. |

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| Version | V1600G1B\_V1.3.8R\_202302270849 |
| Date | 20230227 |
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| Item | The description of the release and its features. |
| 1 | Fix bug: About: About show pon rx\_power. |
| 2 | Fix bug: About: dhcp option82 set remote id. |
| 3 | New: Add the standard catv config page. |
| 4 | Fix bug: About rpg cause bind profile failed. |
| 5 | Optimization: About cli onu search. |
| 6 | Fix bug: About cannot access olt web. |
| 7 | Fix bug: About apsd. |
| 8 | Fix bug: About dhcp snooping static binding no aging. |
| 9 | Fix bug: for service config with eth or iphost. |
| 10 | Optimization: About onu offline alarm. |
| 11 | Optimization: About adding desc in b/s-ems onu list. |
| 12 | New: Add DAI. |
| 13 | Fix bug: About pon input output rate. |
| 14 | Fix bug:About last member query. |
| 15 | Optimization: About clean statistics onu 1. |
| 16 | Fix bug: About bs/snmp Loopback Age Time. |
| 17 | Fix bug: About b/s ems supports modifying the onu description. |
| 18 | Fix bug:About g1weob pon. |
| 19 | Add function: ONU/Pri Profile H.248. |
| 20 | Fix bug: About segment error in deleting ipv6 addr of vlan1. |
| 21 | Optimization: About ssh. |
| 22 | Fix bug: About restricting the operation rights of common users. |
| 23 | Fix bug: About dhcp snooping start automatically. |
| 24 | Fix bug:About dhcp option82 sometimes can not get OnuId. |
| 25 | Fix bug: About restricting the operation rights of common users. |
| 26 | Fix bug: About when use OLT serves as the DHCP server, packet PING REPLY from user ONU2 is forwarded to user ONU1 |
| 27 | Fix bug: About error occurs when cli's onu auto-learn enable |
| 28 | Fix bug:About updating edfa ip failed for g1weo-b. |
| 29 | Fix bug:About dhcp option82 get onuid error when the same onu changes its onuid. |
| 30 | Fix bug:About snmp v3 get bulk. |
| 31 | Fix bug: About snmp configuration. |
| 32 | Fix bug: About line profile with service eth config fail. |
| 33 | Optimize: About the setting of format profile circuit/remote id type is repeated. |
| 34 | Fix bug: About no alarm of als. |

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| Version | V1600G1B\_V1.3.7R\_\_202211220930 |
| Date | 20221122 |
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| Item | The description of the release and its features. |
| 1 | Fix bug: About rpg configuration is lost after the reboot. |
| 2 | Fix bug: About onu autolearn default vlan config cannot be saved after the reboot. |
| 3 | Fix bug: About snmp memory leak. |
| 4 | Fix bug: About binding line profile failed. |
| 5 | Optimization: About onu service port: vport mode share coexists with mode exclusive. |
| 6 | Optimization: About manual bind profile. |
| 7 | Fix bug: About limiting the default route to only one. |
| 8 | Fix bug: About rolling back for fail to bind line profile. |
| 9 | New: Add command to show all the autofind onu below all pon. |
| 10 | Optimization: About cli onu search. |

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| Version | V1600G1B\_V1.3.6R\_\_202211091412 |
| Date | 20221109 |
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| Item | The description of the release and its features. |
| 1 | Fix bug: About snmp mac address table. |
| 2 | Fix bug: About service port configuration is lost after the reboot. |
| 3 | New: uplink port protect. |
| 4 | Fix bug: About rpg. |

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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) |