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| Version | V2.0.7R |
| Date | 20200424 |
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| Item | The description of the release and its features. |
| 1. | Default username and password after 2.0.7R changed to admin and Xpon@Olt9417# |
| 2 | Fix bug: SSH connects too many clients cause memory consumption |
| 3 | Fix bug: Psg onu auto-learn and bind profile about format profile |
| 4 | Fix bug: Auto-copy feature |
| 5 | Fix bug: In some cases deleting the server of Tacacs+ and Radius will cause segmentation fault |
| 6 | Fix bug:Refresh web page ONU AuthList→ONU List results in segmentation fault when deleting onu on command line is not finished |
| 7 | Optimized the reset button: Changed the 10s clear configuration to restore the default password and aux ip |
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| Version | V2.0.6R |
| Date | 20200407 |
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| Item | The description of the release and its features. |
| 1. | Fix bug: operation stuck problem . |
| 2 | Fix bug:Removal of ONUs in batches will cause restart problems |
| 3 | Fix bug: Port isolation via web page operation does not take effect |
| 4 | Fix bug: ONU offline problem in some scenarios |
| 5 | Add: mstp feature |
| 6 | Add: onu ipv6 wan and ipv6 dhcp server |
| 7 | Add: pri profile ipv6 wan and ipv6 dhcp server |

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| Version | V2.0.5R |
| Date | 20200225 |
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| Item | The description of the release and its features. |
| 1. | Add feature: Automatic and flexible vlan configuration for onu. |
| 2 | Upgrade version and permission control |
| 3 | Bugs about profile commit and exit or web display |
| 4 | Add uplink port fiber rx value display for G0 |
| 5 | Add auto-copy feature. |
| 6 | Add web login verification code ;refuse simple password |
| 7 | Enable ssh by default |
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| Version | V2.0.4R |
| Date | 20191126 |
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| Item | The description of the release and its features. |
| 1. | Add Radius feature. |
| 2 | Add tacacs+ web |
| 3 | Some segmentation fault bug. |
| 4 | Bugs about B/S ems. |
| 5 | Bugs about snmp |
| 6. | Bugs about onu list and search |
| 7. | Bugs about ssh |
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| Version | V2.0.3R |
| Date | 20191010 |
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| Item | The description of the release and its features. |
| 1. | Add protection switch group type b feature. |
| 2 | Add onu version info and statistics show on web. |
| 3 | Fix some bugs about ssh. |
| 4 | Fix some bugs about snmp and b/s ems. |
| 5 | Fix some bugs about ipv6. |
| 6. | Fix some bugs about igmp snooping. |
| 7. | Add auto-find result to onu search function. |
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| Version | V2.0.1R |
| Date | 20190808 |
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| Item | The description of the release and its features. |
| 1. | Fix onu not found bug after olt reboot . |
| 2 | Fix clean pon statistics bug on web. |
| 3 | Fix disable ntp server can not save configuration bug. |
| 4 | Fix IGMP snooping not work bug |
| 5 | Fix pon enable/disable not work bug on web. |

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| Version | V2.0.0R |
| Date | 20190722 |
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| Item | The description of the release and its features. |
| 1. | G0 support |

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| Version | V1.9.8R |
| Date | 20190702 |
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| Item | The description of the release and its features. |
| 1. | Add Tacacs+ feature |
| 2. | ONU security private protocol |
| 3. | Link flapping feature |
| 4. | Mac flapping feature |
| 5. | ONU auto/manual upgrade |
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| Version | V1.9.7R |
| Date | 20190522 |
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| Item | The description of the release and its features. |
| 1. | Onu lan status |
| 2. | Loopback range: PON, deactivate onu while it’s loopback detect. |
| 3. | Onu AutoDelete |
| 4. | SSH |
| 5. | IPV6 support |
| 6. | RIP, OSPF support |

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| Version | V1.9.6 |
| Date | 20190417 |
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| Item | The description of the release and its features. |
| 1. | New license key method as EPON OLT: four license key and onu numbers and time limitation can be set by user. |
| 2. | B/S EMS support. |
| 3. | Onu auto upgrade configuration web will return 404 error after selecting the file who’s name longer than 30 chars. |
| 4. | Logo-logo3 can be download by tftp. |
| 5. |  |

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| Version | V1.9.5R |
| Date | 20190326 |
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| Item | The description of the release and its features. |
| 1. | IPV6 support |
| 2. | RIP/OSPF support |
| 3. |  |

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| Version | V1.9.4 |
| Date | 20190227 |
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| Item | The description of the release and its features. |
| 1. | Fix onu delete function, clean the onus which not exist in onu list. |
| 2. | Fix onu upgrade abort bug. |
| 3. | Fix onu auto upgrade bug, v1.0.02 to v1.0.0 etc. |
| 4. | Add onu register time and alive time on web |
| 5. | Fixed httpd port should be plus 1. |
| 6. | Fix add gemport failed after remove line profile. |
| 7. | Fix autobind mode has no N/A option. |
| 8 | Fix boot up failed while there is unknown flow on uplink port fiber. |
| 9 | Fix add service-port with untagged mode from web failed. |

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| Version | V1.9.3 |
| Date | 20190122 |
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| Item | The description of the release and its features. |
| 1. | Fixed bug: check onu service on web will find that all line profile’s service. |
| 2. | Fixed bug: startup failed without usrcfg.conf file. Remove usrcfg.conf file which larger than 2M. add a log file cfgLog for usrcfg.conf changed recording. Force system up no matter how the custfs.ubi state. |
| 3. | Fixed bug: startup failed and loop rebooting while ipv6 address exist in usrcfg.conf file. |
| 4. | Fixed bug: command line ‘show onu state’ will return error code 65331 and no result. |
| 5. | Fixed bug: web menu as onu config/line/srv/pri profile’s submenu should be highlight. |
| 6. | Fixed bug: add gemport failed after remove line profile of the onu. |
| 7. | Fixed bug: startup failed while keeping flow on GE1 to GE8. |
| 8 | Fixed bug: incorrect https port, the real value equal to the setting value that plus 1. |
| 9 | Add feature: support cloud ems(app) connection. |

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| Version | V1.9.2 |
| Date | 20181226 |
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| Item | The description of the release and its features. |
| 1. | Fixed bug: Create vlan and save configuration, or create pppoe wan on pri profile , while loading configuration file after reboot, it will be failed. |
| 2. | Fixed bug: After restored default configuration(erase start-up ), packets with vlan 1 can’t be sent to ONU. So, only upstream with vlan 1 works. |
| 3. | Modified: option82 slot value from 1 to 0. Removed the first ‘/’ |
| 4. | Removed: veip port vlan configuration of HGU on plug and play. |
| 5. | Modified: avoid dba profile default1 to be deleted. |
| 6. | Fixed bug: disable plug and play feature, all pon auto-learn disabled after reboot. |
| 7. | Added: onu whitelist sn-auth |
| 8 | Added: onu 1,3,6-10,12 profile/tcont/gemport etc. commands |
| 9 | Added: psg command |
| 10 | Fixed bug: format profile save. |
| 11 | Fixed bug: dynamic lacp |
| 12 | Fixed bug: 10G link failed sometime. |
| 13 | Removed: invalid username and password will wait 60s. |
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| Version | V1.9.1 |
| Date | 20181126 |
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| Item | The description of the release and its features. |
| 1. | Fixed bug: P2P does not work after reboot. |
| 2. | Modified: move button from down to top of some tables. |
| 3. | Add features: auto-learn default service profile base on pon. |
| 4. | Add features: plug and play. |
| 5. | Add features: Search onu by onu’s description. |
| 6. | Add features: add onu sn to onu alarm message. |
| 7. | Add features: show interface brief |

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| Version | V1.9.0 |
| Date | 20181025 |
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| Item | The description of the release and its features. |
| 1. | Fixed bug: Some device has memory leak issue after sent unknow unicast packet. |
| 2. | Fixed bug: Modify user password times will cause system segment fault. |
| 3. | Add features: dynamic lacp |
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| Version | V1.8.9 |
| Date | 20181009 |
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| Item | The description of the release and its features. |
| 1. | Fixed bug: PON LED status is incorrect when ONU 128 online/offline. |
| 2. | Fixed bug: unplug main fiber when onu auto-learn will cause onu state’s list not equal to onu auth list. |
| 3. | Add features: configure onu’s private features from ems. |
| 4. | Add feature: dos security configuration. |
| 5. |  |

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| Version | V1.8.8 |
| Date | 20180824 |
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| Item | The description of the release and its features. |
| 1. | Fixed bug: failed to set service from ems. |
| 2. | Fixed bug: failed to set line profile from ems. |
| 3. | Add features: set WAN/WIFI/VOIP/MISC from ems. |
| 4. |  |
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| Version | V1.8.7 |
| Date | 20180814 |
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| Item | The description of the release and its features. |
| 1. | Fix bug: get pon information more faster. |
| 2. | Fix bug: system name check of web, show running time of cli |
| 3. | Fix bug: loopback detect feature will cause memory lost issue. |
| 4. | Fix bug: |
| 5. | Add: PON MAC Table of WEB. command of cli: show mac address-table pon / mac address-table clean pon |
|  | Add: terminal time-out /web time-out for cli. |
|  | Add: web timeout for web |
|  | Add: download/upload file using ftp. |
|  | Modify: sleep 2mins before loading start-up configuration. If gpptest not exist for 60s, it will restart it. |
|  | Fix bug: onu auto find, index 1-24, and then from 1 again. |
|  | Fix bug: private profile auto bind. |
|  | Fix bug: private profile dhcp server subnet address show error. |
|  | Fix bug: private profile wan mode pppoe, olt reboot after summit. |
|  | Add: no onu offline/ delete offline on web |
|  | Modify: license 30 days to 31 days. |
|  | Fix bug: vlan 1 not work on some device . |
|  | Add: vlan p2p feature. |
|  | Add: pon range. Modify maximum distance. |
|  | Fix bug: Modify srv profile to ‘N/A’, the srv profile be changed. |
|  | Fix bug: Confirm All feature: always PON1 be selected. |

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| Version | V1.8.6 |
| Date | 20180528 |
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| Item | The description of the release and its features. |
| 1. | Fix bug: some device reboot automatically case by ‘show onu info/status operation’. |
| 2. | Fix bug: ems unstable to connect device or sync slowly. |
| 3. | Fix bug: multicast takes/holds too much memory. |
| 4. | Fix bug: some web bugs and some operation optimization |
| 5. | Add: web user role. |
|  | Fix bug: dhcp server feature will failed while enabled the arp proxy. |

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| Version | V1.8.5 |
| Date | 20180428 |
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| Item | The description of the release and its features. |
| 1. | Modify WAN configuration of WEB. |
| 2. | Add Function: private wifi/voip/dhcp server/misc, include CLI/WEB/EMS |
| 3. | Fix bug: some device will be failed while using untag or vlan 1 on ONU. |
| 4. | Fix bug: line profile failed. |
| 5. | Fix bug: web description or name invalid check. |
| 6. | Fix bug: system failed while modifying PPPoE’s WAN connection. |

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| Version | V1.8.4 |
| Date | 20180206 |
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| Item | The description of the release and its features. |
| 1. | Fix bug: modify default dba profile will cause segmentation fault. |
| 2. | Fix bug: show upgrade onu-version will cause segmentation fault. |
| 3. | Add function: olt loopback detect. |
| 4. | Finish function: private protocol --WAN\VOIP configuration. |
| 5. | Add function: after boot up, check once DDR test result. If DDR test error, keep SYS led state. |
| 6. | Fix bug: profile name too long will cause segmentation fault. |

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| Version | V1.8.3 |
| Date | 20171220 |
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| Item | The description of the release and its features. |
| 1. | Add function: show sys license command and WEB’s license show. |
| 2. | Add function: change web logo by command. |
| 3. | Add function: some private protocol |
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| Version | V1.8.2 GOIP |
| Date | 20171129 |
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| Item | The description of the release and its features. |
| 1. | Add function: onu port loopdetect configuration/ alarm log. |
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| Version | V1.8.1 |
| Date | 20171120 |
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| Item | The description of the release and its features. |
| 1. | Add function: onu main/standy software verion display on “onu detail info” |
| 2. | Add function: onu model display on “onu info” |
| 3. | Fix bug: configuration save failed while description string has space. |
| 4. | Add function: Add range vlans from web. |
| 5. | Changed: led flash mode of uplink port. Fiber: flash led while rx/tx packet. Copper: active led flash more regular. |

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| Version | V1.7 |
| Date | 20171025 |
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| Item | The description of the release and its features. |
| 1. | Fix bug: Enable the auto-learn function on web, it still display ‘disable’ after refresh. |
| 2. | Fix bug: Incorrect onu list display on web when using ‘sn+pw’ or ‘loid+pw’ auth method. |

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| Version | V1.6 |
| Date | 20171021 |
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| Item | The description of the release and its features. |
| 1. | Add function: onu search |
| 2. | Add function: abort onu upgrading. |
| 3. | Add function: delete onu firmware file from web. |
| 4. | Add function: omci debug. |
| 5. | Add function: catv operation on WEB. |
| 6. | Modify display: Automatic discovery onu on WEB. |
| 7. | Add function: auto get a free onu id on ‘onu add’ WEB. |
| 8. | Fix bug: auto learn function, default-onu-type not per PON, all PON share the same one. |
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| Version | V1.5 |
| Date | 20170927 |
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| Item | The description of the release and its features. |
| 1. | Fix bug: while upgrading onu，refresh web may cause device reboot. |
| 2. | Add function: show onu distance |
| 3. | Add function: license alarm. |
| 4. | Add function: onu search(only cli) |
| 5. | Add function: abort onu upgrading. |
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