



HG6143D- Home Gateway Access Device (Brazil WDC)

Software version release notes

Device Model:	HG6143D	
Product Code:	2094326-OB01(B)	
Project Code:	201721	
Department:	Broadband Business Output Line	
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0 Document version record

Serial Number	Version Numver	Build Time	Mainly Modify Records	Author	Remarks
1	RA	2020.07.23	First draft	查方兴	
2	RB	2020.8.26	Involving 1.1 device version information, 1.2 software version md5 value, 2.1 problem solving instructions, 6 change instructions, 7 modification of precautions	肖保平	
3	RC	2021.2.19	Involving 1.1 device version information, 1.2 software version md5 value, 2.1 problem solving instructions, 6 change instructions	白志旺	
4	RD	2021.03.16	Update software	白志旺	
5	RE	2021.03.18	Update the software to solve the existing network engineering problems	白志旺	
6	RF	2021.10.08	Update the software to solve the existing network engineering problems	白志旺	

1 Equipment Description

1.1 Device Version Information

Device Model: HG6143D

Serial Number	Product Name (abbreviation)	Product Code	Province Operator	Single-disk software version mark / software version	Compile Time	Software object code file name/project software package file name
1	HG6143D-GPON home gateway access device (Brazil WDC)	2094326-OB01(B)	Brazil	RP2815/RP2815	Oct 8 2021 19:37:49	HG6143D(2094326-OB01(B)) engineering software package 20211008.rar

1.2 Software Version MD5 (optional, required for wide production terminals)

Project upgrade mirror:

g2815_ont_20211008195033_1.bin

MD5: ABCC1338600BF155A4AE4D75B37E4D86

Project multicast upgrade mirror:

multi_image_nvram0X4b.img

MD5: 8D7A33E9B5F8B51132431C994A8BC743

1.3 Version Application

Brazil universal version

2 Add/Change Description

2.1 Description of Problems Solved

2.1.1 Problem Solved 01

Solve the problem that Brazil HG6143D ONU only turns on the power light after power off and restarts, and the restart fails to become bricks;

2.2 Description of New Features

2.2.1 New Feature 01

2.2.1.1 Function Points

Not applicable

2.2.1.2 Application Scenarios

Not applicable

2.2.1.3 Detailed Scenarios

Not applicable

2.2.1.4 Supporting Instructions

Not applicable

2.3 Change Function Description

2.3.1 Change Function 01

2.3.1.1 Function Points

Not applicable

2.3.1.2 Application Scenarios

Not applicable

2.3.1.3 Detailed description

Not applicable

2.3.1.4 Supporting instructions

Not applicable

2.4 New Board Description

2.4.1 Specifications and Performance

Not applicable

2.4.2 Precautions

Not applicable

2.5 Add/ Change Engineering Maintenance Operation Instructions

2.5.1 New Operation

Not applicable

2.5.2 Changes in operation

Not applicable

2.5.3 Default configuration and parameter changes

Not applicable

3 Compatible or Matching Method

Not applicable

4 Remaining Problems and Correction Instructions

Not applicable

Serial number	mantis 号	Severity	Probability of occurrence	Summary	Root Causes	Avoidance instructions	Solution planning
1							

5 Upgrade/Rollback Instructions

5.1 Preparation Before Upgrade

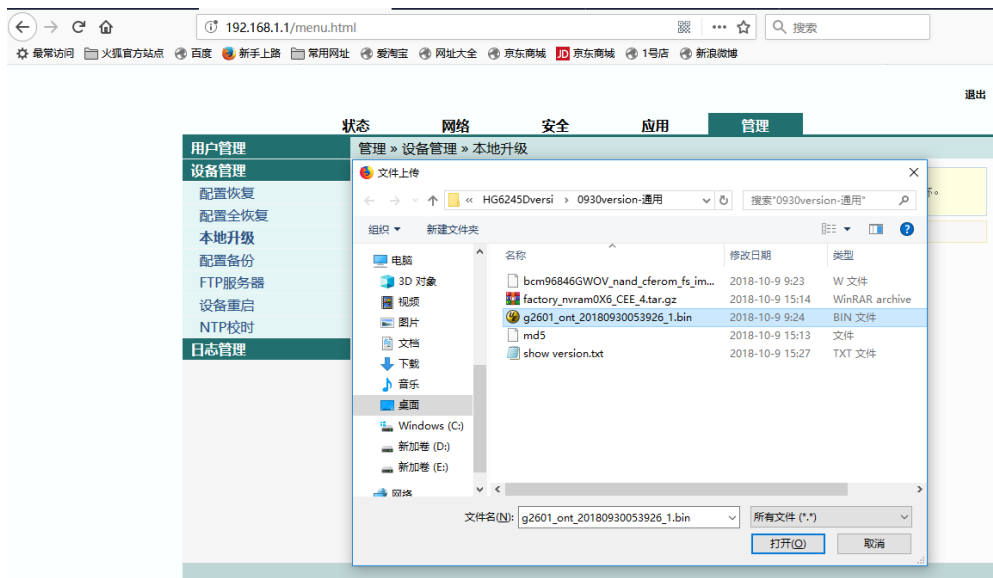
Check version compilation time, software version number, md5.

5.2 Remote Upgrade Method

Not applicable

5.3 Local Upgrade method

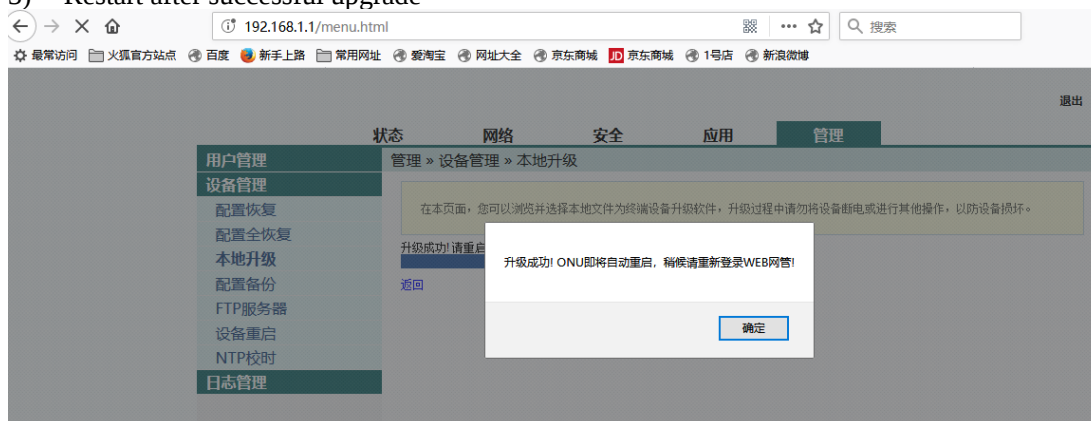
- 1) Ethernet cable from PC directly connected to ONU LAN Port, PC ethernet card ip configuration 192.168.1.X/24, check ping to ONU 192.168.1.1; Login to ONU WEB GUI, select Local Management Interface upgrade feature, select upgrade file, automatically upgrade after select the file.



2) View upgrade status



3) Restart after successful upgrade



5.4 Services verification

Not Applicable

5.5 Upgrade rollback

Not Applicable

5.6 Historical version upgrade instructions (optional)

Serial Number	Equipment name	Project Version	Upgrade Instructions	Remarks
1				
2				
3				
Remarks:				

6 Change Description

First release time	Version Number	Compile Time	What process is the first release through
2020.2.25	RP2717	Feb 25 2020 06:50:57	Product release process
Change content: First Release			

Change time	Version Number	Compile Time	What process is used to release the version this time
2020.8.26	RP2750	Aug 26 2020 20:15:24	product release and change process
Change content: 1 - 2.4G wifi performance improvement			

Change time	Version Number	Compile Time	What process is used to release the version this time
2021.2.19	RP2777	Feb 19 2021 18:38:17	product release and change process
Change content: 1: IPV6 engineering problem: Android set-top box connected under the dual-stack mode does not work; 2: The upnp function does not take effect; 3: Solve the problem that the HG6143D /fhconf/ partition is full 4: 2.4G and 5.8G wifi EIRP improvement in 3dB			

Change time	Version Number	Compile Time	What process is used to release the version this time
2021.03.15	RP2777	Feb 19 2021 18:38:17	product release and change process
Change content: Solve the following problem: When the upgrade package is upgraded, some OLTs in the live network cannot recognize the ONU version			

Change time	Version Number	Compile Time	What process is used to release the version this time
2021.03.18	RP2786	Mar 9 2021 16:30:34	product release and change process
Change content: Solve the problem of abnormal restart of some HG6143D devices on the Brazilian ISP's current network after a power failure;			

Change time	version number	compile time	What process is used to release the version
2021.10.08	RP2815	Oct 8 2021 19:37:49	O Product release, change process
Change content: Solve the problem that Brazil HG6143D ONU only lights up after power off and restarts, and the restart fails. Brick problem.			

7 Precautions

- (1) Association rules with broadband wan connection, such as: portmapping rules, porttrigger rules, DMZ rules, NAT rules, etc. After modifying the corresponding wan connection, the associated rules must be reconfigured;
- (2) Configure a pppoe wan connection and two portmapping rules to bind to the wan connection, then delete all configuration files in the fhconf directory and restart the ONU. The web cannot display the portmapping rules, but the underlying rules are effective. After restarting the ONU again, the web The portmapping rules can be displayed normally; this problem belongs to a very low probability abnormal test scenario, and does not affect the use of the project.