



Software

R2.7.0.2 Release Notes

Release Notes

August 2021



To the Holder of this Document

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ADTRAN Technical Support Community

For information on installing and configuring ADTRAN products, visit the ADTRAN Support Community, <https://supportcommunity.adtran.com>.



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1. Introduction

ADTRAN Software R2.7.0.2 is a general release of code for the 814-v6 and 825-v6 Home Gateway Units and for the SDX 8222v XGS-PON RG ONT.

Results obtained during internal testing have been evaluated and the code has been determined to be ready for general availability. Caveats discovered during testing but not addressed in this build are listed in “Fixes” on page 2.

Configuration guides, data sheets, and other documentation can be found on ADTRAN's Support Forum, <https://supportforums.adtran.com>.

2. Supported Platforms

The following platforms are supported in release 2.7.0.2:

- 814-v6 Home Gateway Unit
- SDX 822v XGS-PON RG ONT
- 825-v6 Home Gateway Unit

Mosaic Device Manager and SHA customers: Please make sure your ACS is updated with the latest drivers.

3. Features and Enhancements

The following new features are included in release 2.7.0.2.

- RB-3801 ■ Update to latest wifi driver 19.1.1P2.
- RB-3917 ■ Change 5GHz default Bandwidth to 80MHz.
- RB-3948 ■ 814-v6 and 825-v6 only: Allow Wi-Fi Quick Start option to be turned off in the config file.

814-v6 Only

- CN-72778 ■ Enabled encryption of passwords for the voice process.

4. Fixes

This section highlights major bug fixes for all products running software version 2.7.0.2.

All Platforms

- RB-2445 ■ Fixed an issue in which IPv6 changes from IANA to IAPD mode in GUI after reboot.
- RB-3295 ■ Fixed an issue in which trunk mode Eth WAN default VLAN is not working as expected in Legacy BRCM (R2.7.0.0).
- RB-3809 ■ Fixed an issue in which the port configured with an interface group is displayed in mirror interface dropdown.
- RB-3895 ■ Fixed an issue in which the CPE is responding with dhcp offer when dhcp discover message is sent with chaddr as multicast.
- RB-3914 ■ Fixed an issue in which the CPE is not obtaining WAN IP after the PPPoE WAN service is edited.
- RB-3923 ■ Fixed an issue in which IPv6 was not disabled on the brv interface.
- RB-3945 ■ Fixed an issue in which (when both Ethernet and GPON WAN Services are configured) removing the GPON Service does not restore ACS communication.

- RB-3949 ■ Fixed an issue in which zero '0' Byte completions are reported on NPT Testing output with no adjacent Comment.
- RB-3995 ■ Fixed an issue in which the ACS scripts do not enable access control WAN services.

814-v6 Only

- RB-3735 ■ Fixed an issue in which WAN services fails to get IP address when created via CLI.
- RB-3818 ■ Fixed an issue in which removing interface group does not reassign WAN back to the default group.
- RB-3820 ■ Fixed an issue in which Policy Routing functionality is not working in RG.
- RB-3874 ■ Fixed an issue in which the WAN Mode selection menu shows unsupported WAN options.
- RB-3918 ■ Fixed an issue in which the RG is not checking in properly to DM on GPON.
- RB-3954 ■ Fixed an issue in which WiFi WPA3 security mode generates a fault response via TR069.
- RB-4002 ■ Fixed an issue in which the Hosts object does not have a value for the AssociatedDevice parameter.

822v Only

- CN-72006 ■ Fixed an issue in which, when NTP was not configured, the time of day sent by the OLT was not processed, resulting in incorrect timestamps on Caller ID.
- CN-73133 ■ Fixed an issue in which the PON egress queue for best effort traffic was too small, resulting in lower than expected upstream throughput.
- CN-73276 ■ Fixed an issue in which the inactive software version was incorrectly reported as both the active version and the inactive software version.
- CN-73511 ■ Fixed an issue in which the VoIP host passwords was not set to the serial number.

825-v6 Only

- RB-3852 ■ Fixed an issue in which (for Interface Grouping) not all created groups can be removed.
- RB-3860 ■ Fixed an issue in which 802.1P tagging is not found in WAN side packet captures - QOS.
- RB-3867 ■ Fixed an issue in which Internet is not reachable with IPv6 Eth WAN.
- RB-3889 ■ Fixed an issue in which the DHCP client bind fails in bridge mode.
- RB-3894 ■ Fixed an issue in which the IPv6 default route is broken.
- RB-3897 ■ Fixed an issue in which router advertisements are sent out of eth4 interface.
- RB-3958 ■ Fixed an issue in which running Analytics disconnects device.
- RB-3987 ■ Fixed an issue in which the Web GUI references a GPON interface.
- RB-3990 ■ Fixed an issue in which NPT-Upload test is being passed after removing the test files from server.

5. Errata

The following features are planned but are not included in the 2.7.0.2 release:

- All models
 - ◆ No support for AES for OMCI communication
 - ◆ No support for Active Ethernet WAN
 - ◆ No support for Network Performance Testing (NPT)
 - ◆ No support for Captive Portal (IPv6)
 - ◆ No support for Advanced DMZ
 - ◆ No support for MGCP VoIP

- ◆ No support for T.30 FAX transfer
- ◆ Please work with your Sales Engineer to ensure your ACS is updated with the latest drivers.
- 814-v6 & 825-v6 only
 - ◆ No support for OpenSync, Adaptive Wi-Fi
 - ◆ No support for EasyMesh Wi-Fi
 - ◆ No support for Wi-Fi Insight Multi-Language support
 - ◆ Channels 12 and 13 are currently not available on the 2.4Ghz WiFi radio for Australia and New Zealand regions.
- 825-v6 only
 - ◆ Limited interop with 2.5G Ethernet devices. Please work with your Sales Engineer.
- DM/Analytics
 - ◆ Geo information for subscribers is not automatically updated.
 - ◆ Gateway temperature displays using the wrong unit of measure.
 - ◆ LAN IPv6 addresses are not being updated on the LAN Client details page properly.
 - ◆ Still experiencing some device driver issues when using the SDX-822v model. Please make sure your ACS is updated with the latest drivers.
 - ◆ Still experiencing some interop issues when using the 825-v6 model. Please make sure your ACS is updated with the latest drivers.

6. System Notes

Software Revision Summary

The software revision summary table below lists the driver and bootloader versions utilized with R2.7.0.2.

SW Revision	CFE Bootloader	Wireless Driver Version	Date
2.7.0.2	1.0.38-163.243	17.10.121.37	07/22/2021
2.7.0.1	1.0.38-163.243	17.10.121.37	05/20/2021

7. Upgrade Instructions

For detailed information about migrating gateway firmware through multiple releases, see the Migration Best Path documents for your gateway model available from the [ADTRAN Support Community](#).

Prior FW Releases

To obtain prior releases of this product, go to the **Software** section of the [ADTRAN Support Community](#).

Upgrade Firmware

1. Open a web browser, connect to 192.168.1.1/admin, and login with username admin and the password assigned to your device.
2. Click **Management** > **Update Software** and click the **Browse** button.

3. Locate and select the appropriate firmware image.
4. Click the **Update Software Button**. The image will be uploaded to the device and the device will automatically reboot upon completion.

Verify Version

1. After the device has completed rebooting, press the **F5** Key to refresh your browser and reconnect to 192.168.1.1/admin to log back into the device. The Device Info > Summary page appears.
2. Verify the version information in the **Software Version** field.

Restore Defaults

1. In the left menu, click **Management**.
1. Click **Settings > Restore Default**.
2. Follow the instructions on the page.

Custom Defaults

The Custom Defaults feature allows the importation of a set of defaults to the gateway that will be restored when the Restore Default Settings operation is activated. This set of defaults can be defined and updated via the GUI, CLI or CWMP support of the gateway.

To create a set of Custom Default settings:

1. Configure the gateway as required.
2. On the Backup page, select the **Backup Running Configuration** button to upload a configuration file from the gateway.
3. After the file is uploaded, go to the Update Software page, select the file, and select the **Update Working Settings** button to download the file to the gateway. The gateway will use the downloaded settings as the custom default whenever the Restore Default Settings operation is invoked.

8. Technical Support

CPE Issues

For this Release, please contact [ADTRAN Support](#) or your ADTRAN Sales Engineer for any issues encountered during operation.

RMAs

Open a Support ticket with description "RMA" and attach the RMA Device spreadsheet which includes Model, MAC address, Issue, and Firmware version. You can find the spreadsheet in the ADTRAN Support Community on the RMA instructions page.

Firmware

Please contact your ADTRAN Sales Engineer to obtain this firmware.

9. Warranty and Contact Information

Warranty

Warranty information can be found online at: www.adtran.com/warranty.

Contact Information

For customer support inquiries, please contact [ADTRAN Support](#):

Contact	Support	Contact Information
Customer Care	From within the U.S. From outside the U.S. Technical Support: <ul style="list-style-type: none">■ Web: Training: <ul style="list-style-type: none">■ Email:■ Web:	1.888.4ADTRAN (1.888.423.8726) + 1.256.963.8716 www.adtran.com/support training@adtran.com www.adtran.com/training www.adtranuniversity.com
Sales	Pricing and Availability	1.800.827.0807