# Software

# R2.7.0.3 Release Notes

Release Notes

February 2022

# 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.

# Table of Contents

# 1. Introduction

ADTRAN Software R2.7.0.3 is a general release of code for the 814-v6, 825-v6 and 822v Home Gateway Units.

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 2.7.0.3:

- 814-v6 Home Gateway Unit
- 825-v6 Home Gateway Unit
- 822v Home Gateway Unit

> **i  NOTE**
> POTS for 8xx platforms is implemented & tested only for United States. For other countries, POTS is not implemented and not tested.

**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 2.7.0.3.

RB-3861 ■ Upgrade Wifi drivers to 20.1.1p1

RB-3994 ■ Enable Option 61 on 814-v6

RB-4003 ■ 5.02L07p2 upgrade

RB-4153 ■ Support for Home Analytics on SDG series 814-v6 and 825-v6

**814-v6 Only**

RB-3767 ■ Support for multicast, video services

# 4. Fixes

This section highlights major bug fixes for all products running software version 2.7.0.3.

**All Platforms**

RB-3302 ■ Fixed an issue in which Static Routing configuration fails with Interface Grouped interface - 2.7.0.0.

RB-3598 ■ Fixed an issue in which no WiFi button appears on wifi6 target

RB-3932 ■ Fixed an issue in which Channels 12 &13 for Radio-2.4GHz are missing in AU and NZ builds - 2.7.0.1

RB-4001 ■ Fixed an issue in which Re-enable DFS channels on the 814 and 825 only

RB-4020 ■ Fixed an issue in which Wifi connected clients are showing as Ethernet devices on the ACS

RB-4025 ■ Fixed an issue in which two Diagnostic Complete events are generated at end of a long run test window (12 hours).

RB-4032 ■ Fixed an issue in which routing between Interface Grouped clients fails with static route

RB-4068 ■ Fixed an issue in which Advanced Custom Wireless does not work in 2.7 firmwares

RB-4070 ■ Fixed an issue in which WAN Access Control is not working

RB-4071 ■ Fixed an issue in which NAT-Virtual Server functionality is not working

RB-4072 ■ Fixed an issue in which enabling LAN side firewall makes the CPE unreachable

RB-4073 ■ Fixed an issue in which Iptable rules are not updating when incoming filter is added and thus function is not working

RB-4077 ■ Fixed an issue in which Interface grouped clients are not getting LAN IP

RB-4085 ■ Fixed an issue in which 2.4GHz LED functionality is not working properly

RB-4092 ■ Fixed an issue in which Ipv6 prefix value other than 64 is not getting saved

RB-4096 ■ Fixed an issue in which inconsistent firewall rules / rules persistence particularly with configured Port Triggers in conjunction with IP Filters

RB-4100 ■ Fixed an issue in which GUI menu options are not available if user is configured with wireless privileges

RB-4104 ■ Fixed an issue in which an error occurs when creating more than one Bridge WAN service

RB-4105 ■ Fixed an issue in which configured DHCP option 43 is not getting reflected in CPE

RB-4106 ■ Fixed an issue in which QoS Port Shaping was not functioning correctly

RB-4118 ■ Fixed an issue in which the LAN Setup page fields are not filled out with current values for French and Spanish translated pages

RB-4125 ■ Fixed an issue in which Web UI requests get incorrectly routed to an old IP address when the LAN IP address changes and the Wifi Setup Page is still active

RB-4143 ■ Fixed an issue in which LAN DHCP Option 43 Limited to 38 chars


**814-v6 Only**

RB-3805 ■ Fixed an issue in which the GUI is not accessible via http once LAN interface IP is changed

RB-3876 ■ Fixed an issue in which WAN services remain in a 'ServiceStarted' state perpetually

RB-3946 ■ Fixed an issue with poor throughput performance when using PPPoE over Ethernet WAN

RB-3979 ■ Fixed an issue with Bandsteering not working properly

RB-4019 ■ Fixed an issue in which the device keeps dropping to CFE mode

RB-4054 ■ Fixed an issue with the OMCI Upgrade: Getting "Activation failed" message when build upgraded from normal daily to OpenSync.

RB-4055 ■ Fixed an issue in which banner and menu colors cannot be customized

RB-4086 ■ Fixed an issue with WiFi coverage and performance issue

RB-4095 ■ Fixed an issue with Time field not using daylight savings

RB-4108 ■ Fixed an issue in which Wifi SSID renamed from cli is not getting reflected in CPE GUI

RB-4114 ■ Fixed an issue in which the device dropps speed after 1 day

RB-4122    ■    Fixed an issue in which sporadic Reboots occur (CDM-Wifi memory leak)

RB-4131    ■    Fixed an issue in which Interface Grouping was not functioning correctly.

RB-4132    ■    Fixed an issue in which Cisco anyconnect VPN was not functioning correctly

RB-4137    ■    Fixed an issue in which OTT video service was not functioning correctly.

RB-4139    ■    Fixed an issue with Interface Grouping


**825-v6 Only**

RB-4010    ■    Fixed an issue in which changes not reflected in the device's UI.

RB-4030    ■    Fixed an issue with Wi-Fi Issues on 2.7.0.2

RB-4057    ■    Fixed an issue in which LAN side stateful DHCPv6 cannot be configured using Prefix Delegation

RB-4144    ■    IPTV not passing in Split VLAN config


**822-v6 Only**

RB-3940    ■    Fixed an issue with the LAN2 UI

RB-4026    ■    Fixed an issue with changing DHCP range.

RB-4123    ■    Fixed an issue with port forwards that stop working after power cycle


# 5. Errata

The following features are planned but are not included in the 2.7.0.3 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
- ■ 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 R2.7.0.3.

| SW Revision | CFE Bootloader | Wireless Driver Version | Date |
|---|---|---|---|
| 2.7.0.3 | 1.0.38-163.243 | 17.10.121.37 | 02/18/2022 |
| 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. | 1.888.4ADTRAN (1.888.423.8726) |
| | From outside the U.S. | + 1.256.963.8716 |
| | **Technical Support:** | www.adtran.com/support |
| | ■ Web: | |
| | **Training:** | training@adtran.com |
| | ■ Email: | www.adtran.com/training |
| | ■ Web: | www.adtranuniversity.com |
| Sales | Pricing and Availability | 1.800.827.0807 |