



# Software

## R2.6.2.6 Release Notes

Release Notes

May 2021



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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 R2.6.2.6 is a maintenance release that addresses customer issues that were uncovered in previous code releases.

This release is generally available code. 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 "Errata" on page 3.

Configuration guides, data sheets, and other documentation can be found on ADTRAN's Support Forum, <https://supportforums.adtran.com>. Release notes for earlier releases can be found in the [SmartRG Release Notes knowledge base](#).

## 2. Supported Platforms

The following platforms are supported in CPE software release 2.6.2.6:

- SR360n
- SR501
- SR505n
- SR506n
- SR515ac
- SR516ac
- SR555ac

## 3. Features and Enhancements

This section highlights the major features for all products running software version R2.6.2.6.

- RB-3181** ■ Added advanced WiFi / MAC Counters reports.
- RB-3620** ■ NPT: Provided optional functionality for retrying throughput tests after failure.
- RB-3626** ■ Added detail to entitlement errors when server addresses do not match entitled address lists.
- RB-3634** ■ Changed settings to pass parameter "logDest" to daemon tr143UploadDiag and tr143DownloadDiag from daemon CAFD.
- RB-3721** ■ Enhanced SHA 'Status' JSON blob by reporting time stamps in UTC to enhance readability.
- RB-3736** ■ Enhanced (clarified) A event log messages.
- RB-3822** ■ Back-ported latest NPT changes to 4.16L.05 builds and reconciled differences.

## 4. Fixes

This section highlights major bug fixes for all products running software version 2.6.2.6.

- RB-2930** ■ Fixed an issue in which the Incoming Filter is not working on the SR555ac model.
- RB-3007** ■ Fixed an issue in which the 5 GHz WiFi Channel is not reflected on pushing from ACS.
- RB-3157** ■ Fixed an issue in which the CPE cannot be accessed from both LAN and WAN sides via HTTPS.
- RB-3447** ■ Fixed an issue in which the CPE GUI cannot be loaded after HTTPS is enabled in 2.6.2.4 daily build.
- RB-3526** ■ Fixed an issue in which IPv6 NMAP scan failed on LAN side-Cd Router.

- RB-3527** ■ Fixed an issue in which, for NPT over HTTPS, device has issues communicating with the ACS when using HTTPS.
- RB-3555** ■ Fixed an issue in which port forwarding is unavailable when WAN/GUI set to HTTPS.
- RB-3565** ■ Fixed an issue in which WAN Egress Functionality is not working properly.
- RB-3566** ■ Fixed an issue in which the CPE does not get WAN IP when WAN service is configured with Ethernet Interface and with priority.
- RB-3603** ■ Fixed an issue in which a DSLAM Bonding problem on SR555ac occurs. A custom firmware build is required.
- RB-3619** ■ Fixed an issue for NPT in which no jitter was implemented at the first Download/Upload test.
- RB-3640** ■ Fixed an issue in which two Diagnostic Complete Events occur at the end of NPT Testing.
- RB-3664** ■ Fixed an issue in which InternetGatewayDevice.X\_SMARTRG\_COM\_NetworkPerformance.PeriodicDownloadTesting.RetryThroughputFailures -Fault code occurs with NPT configurations in ACS.
- RB-3666** ■ Fixed an issue in which the SHA nonce grace period is still too short.
- RB-3670** ■ Fixed an issue in which SHA fails to send device type.
- RB-3671** ■ Fixed an issue in which SHA on SR555ac may get stuck, possibly in Gateway Wait state, when configured with an additional bridged WAN interface.
- RB-3774** ■ Fixed an issue in which SR516ac Wifi SSID 5Ghz is not showing after FW upgrade from 2.6.2.3 to 2.6.2.5.
- RB-3847** ■ Fixed an issue in which a firmware update is needed to address security vulnerability CVE-2020-25705 in the SR515ac, SR516ac, and SR555ac models.
- RB-3906** ■ Fixed an issue in which turning on the LAN firewall causes IPv6 to cease functioning - all SR5xx models.
- RB-3911** ■ Fixed an issue in which NPT zulu doesn't report times correctly.
- RB-3912** ■ Fixed an issue in which speed tests are failing on the SR506n, SR515ac, and SR555ac models.
- RB-3937** ■ Fixed an issue in which NPT results show start time is after end time.
- RB-3941** ■ Fixed an issue in which NPT Latency test has duplicate time.
- RB-3949** ■ Fixed an issue in which zero '0' Byte completions are being reported NPT Testing output with no adjacent Comment.
- RB-3950** ■ Fixed an issue in which NPT error: "Test Errored: Cause of error Error\_TransferFailed" occurs.

## 5. Errata

The following is a list of errata that exist in products running software release 2.6.2.6.

- RB-3832** ■ Unexpected Upload/Download test may happen when the ACS starts a CAF test.

## 6. System Notes

The software revision summary table below lists the driver and bootloader versions utilized for R2.6.2.6.

SW Revision	DSP PHY/XDSL Line Driver	CFE Bootloader	Wireless Driver Version	Date
2.6.2.6	A2pG039s.d26u - SR360n A2pvI042r.d26u - SR501 and SR506n A2pv6F039x5.d26u - SR515ac and SR516ac A2pvfbH043r.d26u - SR555ac	1.0.38-118.3	7.14.164.23	05/20/21

## 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](#):

- [Migration Best Practices for SR3xx Series Gateways](#)
- [Migration Best Practices for SR5xx Series Gateways](#)

### 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.

## RMA

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](http://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. <b>Technical Support:</b> ■ Web:	1.888.4ADTRAN (1.888.423.8726) + 1.256.963.8716 <a href="http://www.adtran.com/support">www.adtran.com/support</a>
	<b>Training:</b> ■ Email: ■ Web:	training@adtran.com <a href="http://www.adtran.com/training">www.adtran.com/training</a> <a href="http://www.adtranuniversity.com">www.adtranuniversity.com</a>
Sales	Pricing and Availability	1.800.827.0807