Adtran

SDG SmartOS

11.2.1.1 Release Notes

Release Notes

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To the Holder of this Document

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1. Introduction

The SmartOS 11.2.1.1 software release for Adtran's Service Defined Gateway (SDG) products is a major system release that introduces new features and addresses customer issues uncovered in previous code releases.

The 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 5*.

Configuration guides, white papers, data sheets, and other documentation can be found on Adtran's Support Community, https://supportcommunity.adtran.com. The contents of these release notes will focus on the platforms listed in *Supported Platforms on page 4*.

2. Supported Platforms

Table 1 lists the SDG platforms that are supported in Adtran's SmartOS 11.2.1.1 release.

Table 1. Supported SDG Platforms

Platform
834-5
841-t6
854-6
854-v6

3. Features and Enhancements

This section highlights features and enhancements included in the 11.2.1.1 release.

- OWRT-6240   Updated the MTK kernel to 5.1.0 to support hardware offload.
- OWRT-6518   Added support for SHA across SDG SmartOS platforms.
- OWRT-6926   Changed the default TCP window to increase performance in HTTP/NPT tests.
- OWRT-6960   Enhanced image checks during firmware download process from ACS.
- OWRT-7039   Provided full NPT support up to 1G speeds.

4. Fixes

This section highlights major bug fixes in the 11.2.1.1 release.

- OWRT-6741   Fixed an issue in which delays and instability in tagged video streams could be experienced when speed tests were run on 2.4 GHz radios.
- OWRT-6880   Fixed an issue in which the GUI daemon would intermittently crash, not allowing GUI access.
- OWRT-6985   Fixed an issue in which low download bandwidth results were intermittently reported via NPT testing.

- OWRT-6150   Fixed an issue in which ACS could display the wrong WiFi standards for connected clients.

- OWRT-6971   Fixed an issue in which satellite devices would fail to reconnect to the hub device after a reboot.

- OWRT-6972   Fixed an issue in which the DFS radar region was not being set correctly based on country code.

- OWRT-6982   Fixed an issue in which radio beaconing was not functioning on all chains during power saving mode.

- OWRT-7087   Fixed an issue in which the WPS LED on the 841-t6 was not changing state when the button was pressed.

- OWRT-7097   Fixed an issue in which LAN client connection objects were displaying incorrectly as WiFi connections in the ASC.

- OWRT-7071
  OWRT-7100   Fixed an issue in which TR069 UDP echo clients would intermittently crash during NPT testing.

5. Errata

The following is a list of errata that still exist in the 11.2.1.1 release.

- OWRT-6296   Some static routes added using the GUI (**Network** > **Routing** > **Static Route**) are not successfully added to the routing table.

- OWRT-7167   In some instances, navigating away from the **WiFi** page in the GUI results in an erroneous **Unsaved Changes** error.

- OWRT-7166   In some cases, WPS-based Intellifi pairing does not function correctly.

- OWRT-7175   In some cases, the ACS is not properly able to set the 5 GHz channel-width to 80 MHz.

- OWRT-7173   In some cases, NPT stop time will be very close to the start time, which incorrectly signals a very quick transfer that makes the calculated bandwidth incorrect.

- OWRT-6557   Connecting a new client via WPS may cause a prior WPS client to disconnect.

6. Upgrade Instructions

Upgrading Adtran SDG products to the latest version of firmware is outlined in the following sections.

Step 1: Upgrading Firmware

1. Open a web browser, connect to **192.168.1.1/admin**, and login with the username **admin**, and the password assigned to your device.

2. Select **Management** > **Update Software**, and then select the **Browse** button to locate the appropriate firmware image.

3. Once the appropriate firmware image has been located, select **Update Software** to begin the upgrade. The image will be uploaded to the device and the device will automatically reboot upon completion.

Step 2: Verifying the Version

1.After the device has completed rebooting, press the **F5** key to refresh your browser, and then reconnect to 192.168.1.1/admin to log back into the device. The **Device** > **Summary** menu page appears.

2.Verify the version information in the **Software Version** field.

7. Defaulting the Device

Restoring Factory Default Settings

You can restore factory defaults to the gateway by selecting **Management** from the GUI menu on the left, then selecting **Settings** > **Restore Defaults**, and following the instructions on the page.

Restoring Custom Default Settings

The **Custom Defaults** feature allows the importation of a set of defaults to the gateway that are 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 custom set of default settings, follow these steps:

1.Configure the gateway as required.

2.On the Backup menu page, select the Backup Running Configuration button to upload a configuration file from the gateway.

3.After the file is uploaded, navigate to the **Update Software** page, select the file, and then select the **Update Working Settings** button to download the file to the gateway. The gateway will then use the downloaded settings as the custom default whenever the **Restore Default Settings** operation is invoked.

8. Warranty and Contact Information

Warranty information can be found online by visiting www.adtran.com/warranty-terms.

To contact Adtran, choose one of the following methods:

Department	Contact Information	
Customer Care	From within the U.S.: From outside the U.S.:	(888) 4ADTRAN ((888)-423-8726) +1 (256) 963-8716
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