



Adtran SDG SmartOS Software User Guide

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SDG SmartOS
11.2.6.1 Release Notes
Release Notes
6SOSRN11261-40A
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SDG SmartOS Software

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platforms listed in Supported Platforms on page 4.

Supported Platforms

Table 1 lists the SDG platforms that are supported in Adtran's SmartOS 11.2.6.1 release.

Table 1. Supported SDG Platforms

Platform
831-t5 (Extender mode only)
834-5
834-v6
841-t6
854-6
854-v6

Table 2 lists the voice soft switches supported in the SmartOS 11.2.6.1 release.

Table 2. Supported Voice Soft Switches

Soft Switch
Allianza
Metaswitch

Features and Enhancements

Features and Enhancements in 11.2.6.1

This section highlights features and enhancements included in the 11.2.6.1 release.

• SDGP-154	Added support for the Any Port Any Service feature. This feature allows the use of the Vendor ID (MAC OUI) as a means to determine what service should be used on any port.
• OWRT-7147	Added support for VoIP CLI diagnostics, including the show voip, voip [config restart start stop], and voip config profile line [gain] commands.
• OWRT-7421	Added support for the AutoLAN feature.
• OWRT-7485	Added support for specifying speedtest server IP addresses via CLI and GUI. When specified, the device does not search for an optimal speedtest server (default behavior), but instead uses the server specified. In addition, a temporary server override can be specified from the speedtest launch menu in both the CLI and GUI; this override is only used for the immediate test and does not persist in the device configuration.
• OWRT-7487	Updated the SDG device GUI to reflect new terminology. Device-Group is now named Profile in the GUI (Devices > Profiles).
• OWRT-7501	Updated the EULA link in the SDG GUI.
• OWRT-7520 OWRT-7474	Added support for the special digits * and # in the SDG GUI when specifying SIP URLs.
• OWRT-7539	Added options in the WiFi > Performance and WiFi > Client Performance GUI menus to select a satellite device and display its Wi-Fi performance.
• OWRT-7540	Added support for Fast Roaming (802.11r) and the ability to enable/disable this feature in both the Primary and Guest Wi-Fi Configuration menus.
• OWRT-7554	Added support for device MFG_MAC labels to match the MAC address used for primary network connection and management, and to be advertised in SAT WPS connections when the SDG devices are operating in AP mode.
• OWRT-7555	Updated the Intellifi feature to only auto-switch to SAT while the device is in QS mode.
• OWRT-7559	Added support for disabling NAT control on a per-service basis.
• OWRT-7560 OWRT-7561	Added a new node-perf <satellite IP> [options] command to the SDG CLI that can be used to invoke a speedtest between Intellifi controllers and satellites.
• OWRT-7562	Added support for TR-104 directory numbers in voice-capable SDGs.
• OWRT-7568	Added support for device type selection from the LAN devices list, and added a device-type category in the topology display.
• OWRT-7569	Added support for reporting Tx retries and other Wi-Fi improvements for device telemetry.
• OWRT-7595	Added the ability of the SDG to publish current SAT data (including device MFG and Version information) to the SDP and IMP when the SAT list changes.
• OWRT-7606	Added Wi-Fi client data reporting, based on Client MAC address, to the Telemetry display.
• OWRT-7625	Updated the speedtest functionality for both Web and CLI so that performance updates captured during a speedtest, and at the test's completion, are uploaded to the cloud and added to the historical telemetry data for the SDG device.
• OWRT-7641	Improved speedtest functionality so that test duration is shortened in high-latency environments.
• OWRT-7672	Added Local SIP Port configuration to the SDG GUI.

Fixes

Fixes in 11.2.6.1

This section highlights major bug fixes in the 11.2.6.1 release.

• OWRT-7100	Fixed an issue in which the TR-069 UDP echo client would intermittently crash during NPT tests.
• OWRT-7124	Fixed an issue in which some SDG devices would not pair after firmware upgrades.
• OWRT-7187	Fixed an issue in which, in some cases, a warning message indicating device connection was lost was erroneously displayed, causing devices to appear disconnected from the SDG.
• OWRT-7206	Fixed an issue in which, when the Intellifi Operating mode was set to none, Intellifi devices would still appear in the device topology and not update as expected.
• OWRT-7217	Fixed an issue in which 2.4 GHz Wi-Fi would unexpectedly temporarily freeze for all connected clients.
• OWRT-7233	Fixed an issue in which some SDG 854-6 devices could reboot unexpectedly.
• OWRT-7249	Fixed an issue in which a disconnected SAT would still appear as UP in the show SAT list.
• OWRT-7250	Fixed an issue in which switching to Ethernet from Wi-Fi could take up to 5 minutes.
• OWRT-7285	Fixed an issue in which TR-069 traffic was not being sent to the Management WAN service .
• OWRT-7370	Fixed an issue with remote diagnostic operations; that functionality has been removed from the SDG CLI.
• OWRT-7386	Fixed an issue in which some voice-enabled SDGs would not make outbound calls.
• OWRT-7490	Fixed an issue in which, in some cases, the SDG would not respond to INFO or INVITE SIP messages which were negatively affecting VoIP functionality.
• OWRT-7497	Fixed an issue in which the on-screen information for Intellifi pairing specified the wrong LED color to indicate successful pairing.
• OWRT-7503	Fixed an issue in which the Auto-WPS feature did not function as expected.
• OWRT-7504	Fixed an issue in which bridged IPTV or cross-connect multicast traffic was not passing as expected.
• OWRT-7557	Fixed an issue in which STP packets were not traversing wireless back-haul links as expected.
• OWRT-7558	Fixed an issue in which device upgrades could cause installed apps to become stuck in a re-spawn/kill loop during the upgrade.
• OWRT-7570	Fixed an issue in which the Check for Updates GUI menu always displayed a timed-out status, even when functioning correctly.
• OWRT-7573	Fixed an issue in which the VLAN filtering feature would only pass tagged frames, and untagged traffic would not pass. VLAN filtering has been updated to pass untagged traffic if SOS_VLAN is enabled.
• OWRT-7576	Fixed an issue in which some SDGs could report incorrect Wi-Fi settings to the ACS.
• OWRT-7586	Fixed an issue in which some SDG models did not display the correct LED colors for the relevant device status/speed.

• OWRT-7587	Provided protection from several reported CVE issues related to client mode functionality.
• OWRT-7610	Fixed an issue in which some SDG devices would not pair correctly when being added as a satellite.
• OWRT-7612	Fixed an issue in cross-connect connections where traffic would not pass (both unicast and multicast) without restarting the cross-connect feature.
• OWRT-7615	Fixed an issue in which the Bluetooth Beacon output would be truncated if the associated MAC had repeated digits (for example, AA in the MAC address E8:2C:6D:E6:AA:B0).
• OWRT-7617	Fixed an issue in which cross-connections could fail intermittently during device reboots or network restarts.
• OWRT-7624	Fixed an issue in which SIP Invite messages from the SDG could contain the incorrect port number for the route. Also removed unneeded information from the Invite messages (Route Header and Registrar).
• OWRT-7627	Fixed an issue in which easycwmpd would not run as expected.
• OWRT-7638	Fixed an issue in which a configured digit map could conflict with the SDG's internal codes.
• OWRT-7642	Fixed an issue in which the SmartOS SIP stack would stop responding after a WAN disconnection, even while still reporting a device state of Registering in the GUI.
• OWRT-7655	Fixed an issue in which the per-port Ethernet counters were not being updated appropriately.
• OWRT-7657	Fixed an issue in which the Wi-Fi Width parameter of an SDG's Wi-Fi Topology could change frequently, causing an updated topology to be published approximately every 10 seconds.
• OWRT-7674	Fixed an issue in which the VoIP feature could accept SIP Registration responses with 0 binding (missing Contact header and expiry information), which could cause the SIP registration process to stop.
• OWRT-7676	Fixed an issue in which the SSID configuration would not accept Unicode characters in the SDG GUI.
• OWRT-7685	Fixed an issue in which the VoIP feature would accept inbound SIP Register messages; these inbound Register messages are now ignored.

Errata

The following is a list of errata that still exist in the 11.2.6.1 release.

• OWRT-6296	Some static routes added using the GUI (Network > Routing > Static Route) are not successfully added to the routing table.
• OWRT-7221	In some cases, when VoIP line 1 is disabled, line 2 may not register correctly and calls can not be placed.
• OWRT-7404	Cannot create an IPv6 firewall rule in the GUI with a subnet designation higher than /32.
• OWRT-7718	Intellifi Satellite will check into an ACS prior to switching to Satellite mode, causing there to be an entry in the ACS though the unit will not continue to inform via TR-69.

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 Admin > Update, 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.

Defaulting the Device

Restoring Factory Default Settings

To restore the factory defaults to the gateway, follow these steps:

1. Navigate to Admin > Configuration in the GUI menu on the left, and select the Factory Default tab.
2. Select the Factory Reset button and confirm the changes.

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.: (888) 4ADTRAN ((888)-423-8726) From outside the U.S.: +1 (256) 963-8716
Technical Support	Support Community: www.supportcommunity.adtran.com Product Support: www.adtran.com/support
Training	Email: training@adtran.com Adtran University: www.adtran.com/training
Sales	For pricing and availability: 1 (800) 827-0807



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Defaulting the Device

11.2.6.1 Release Notes



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Documents / Resources

	<p>Adtran SDG SmartOS Software [pdf] User Guide 834-v6, 841-t6, 854-6, 854-v6, SDG SmartOS Software, SDG SmartOS, Software</p>
	<p>Adtran SDG SmartOS Software [pdf] User Guide SDG SmartOS Software, SDG SmartOS, Software</p>

References

- [Ad Support](#)
- [Ad Training](#)
- [Ad Warranty Information](#)
- [Ad Support Center](#)
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