

RUCKUS SmartZone (LT-GD) Patch 3 Release Notes, 6.1.2

Supporting SmartZone 6.1.2 Patch 3 on build number 6.1.2.0.487

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Document History

Revision Number	Summary of Changes	Publication Date
A	Initial <i>Release Notes</i>	October 30, 2024

New Feature

This section describes the new and enhanced features in this release.

Feature	Description
ChatBot Support Logs	Users can upload their chatbot support logs to RUCKUS Customer Support.
Split-tunnel Support on Wired Clients	Users have the option to enable split-tunnel support on Ethernet port profile.
SoftGRE Failover Enhancement with Timer	Users have the ability to assign a secondary Wireless Access Gateway (WAG) for each AP. If the AP connects to the secondary WAG, a configurable timer can be set to prompt the AP to revert to the primary WAG when it becomes available.
HotSpot 2.0 Access WLAN with Non-Proxy Mode	When deploying a Hotspot 2.0 (HS2.0) network and configuring RADIUS communication between the AP and the RADIUS server, the network will remain operational even if the connection to the controller is lost.
Customized Support Format for Wired DHCP Option 82	A revised naming format for the wired Option 82 feature is implemented.

Release Information

This section lists the version of each component in this release.

ATTENTION

It is recommended to upgrade the vSZ before updating the data plane version because if the data plane version is higher than the controller vSZ version, then data plane cannot be managed by the vSZ platform.

ATTENTION

Upgrade from release 5.2.2.0.1562 to 6.1.2.0.xxx requires a patch to be installed first. Do refer to <https://support.ruckuswireless.com/documents/4223> for details.



CAUTION

SmartZone users upgrading from R6.1.2.0 Patch 3 should be aware that applying this patch restricts the upgrade path to the upcoming release of R7.1.1 and above only. Directly upgrading to R7.0.0 Patch5 or the upcoming release of R7.1.0 is strongly discouraged, as it may result in the loss of certain functionalities.

SZ300

- Controller Version: **6.1.2.0.487**
- Control Plane Software Version: **6.1.2.0.253**
- Data Plane Software Version: **6.1.2.0.487**
- AP Firmware Version: **6.1.2.0.2104**

SZ144

- Controller Version: **6.1.2.0.487**
- Control Plane Software Version: **6.1.2.0.253**
- Data Plane Software Version: **6.1.2.0.30**
- AP Firmware Version:**6.1.2.0.2104**

SZ100/SZ124/SZ104

- Controller Version: **6.1.2.0.487**
- Control Plane Software Version: **6.1.2.0.253**
- Data Plane Software Version: **6.1.2.0.30**
- AP Firmware Version:**6.1.2.0.2104**

vSZ-H and vSZ-E

- Controller Version: **6.1.2.0.487**
- Control Plane Software Version: **6.1.2.0.253**
- AP Firmware Version:**6.1.2.0.2104**

vDP

- Data Plane Software Version: **6.1.2.0.487**

Known Issues

This section outlines known behaviors and provides recommended workarounds, if available.

Component/s	AP
Issue	AP-35123
Description	AP failed over to the secondary gateway from the primary gateway due to the <i>SoftGRE Gateway Failback Timer Triggered</i> after the configured timer expired.

Changed Behavior

The following are the behavioral changes in this release.

Component/s	AP
Issue	ER-13832
Description	The AP behavior is enhanced to report up to 30 neighboring APs, increased from the previous support of 20 neighbors.

Component/s	Control Plane
Issue	ER-13671
Description	Improved the Switch Management API to resolve the slowness experienced during switch operations executed through the Web user interface or CLI mode.

Component/s	Control Plane
Issue	ER-13972
Description	Updated the API documentation to reflect the validity of the Service Ticket for Public API version 11.1.

Component/s	System
Issue	ER-13302
Description	In the customer-uploaded Guest Pass HTML template, a new variable, GP_LOGO_BASE64 , is added to include the base64 string of the customer-uploaded Guest Portal logo.

Security Considerations

The following security fixes are included in this release.

- Addressed vulnerabilities linked to CVE-2019-16645 and CVE-2017-17562. **[ER-13006]**

Resolved Issues

This section outlines the issues that have been resolved in this release.

Component/s	AP
Issue	ER-12635
Description	5GHz WLAN BSSID on the AP displayed all values as zeros after a reboot.

Component/s	AP
Issue	ER-13334
Description	Audio/video with screen mirroring on 802.11ac APs is resolved.

Component/s	AP
Issue	ER-13445
Description	AP failed to set Wi-Fi calling Tx priority for certain service providers.

Component/s	AP
Issue	ER-13456
Description	802.11ac APs experienced continuous reboots after upgrading to 6.1.2, caused by a conflicting Red Hat Package Manager (RPM) key.

Component/s	AP
Issue	ER-13461
Description	An unexpected authentication issue occurred before the session timeout was reached.

Component/s	AP
Issue	ER-13499
Description	APs within the same network were being incorrectly reported as rogue APs.

Component/s	AP
Issue	ER-13517
Description	SmartRoam failures were incorrectly reported as Traffic Classification Manager (TCM) failures with the reason code <i>drop by SmartRoam</i> .

Component/s	AP
Issue	ER-13605
Description	Rx data packets failed to process on 802.11ax driver.

Component/s	AP
Issue	ER-13680
Description	AP was unable to migrate to a new controller node.

Resolved Issues

Component/s	AP
Issue	ER-13685, ER-12934
Description	5GHz channel could not be set due to radar detection.

Component/s	AP
Issue	ER-13721
Description	The U-NII-1 and U-NII-2A bands were unavailable on 802.11ax APs configured with the Indonesia country code.

Component/s	AP
Issue	ER-13728
Description	Packet drops occurred when both Wi-Fi Calling and Link Aggregation Control Protocol (LACP) features were enabled.

Component/s	AP
Issue	ER-13838
Description	The legacy <i>Ring</i> device was unable to complete the configuration of Group Temporal Keys (GTK) before starting data traffic processing.

Component/s	AP
Issue	ER-13882
Description	The AP failed to report AeroScout T3/T2 tags accurately.

Component/s	AP
Issue	ER-13929
Description	The AP was sending probe responses for hidden SSIDs in response to wildcard SSID scan probe requests.

Component/s	AP
Issue	ER-13938
Description	Transmit Channel Selection (TCS) Tx power updates were not functioning as expected.

Component/s	AP
Issue	ER-13981
Description	A kernel panic issue occurred during target recovery.

Component/s	AP
Issue	ER-14016
Description	SSH access to AP model R310 failed.

Component/s	AP
Issue	ER-14050

Component/s	AP
Description	Ethernet statistics showed all values as zeros when connected to a 2.5G Ethernet switch port.

Component/s	AP
Issue	ER-14073
Description	The AP rogue data for the 2.4GHz band mistakenly included channels that were designated for the 5GHz band.

Component/s	AP
Issue	ER-14078
Description	Clients failed to connect because the AP did not initiate the 4-way handshake.

Component/s	AP
Issue	ER-13518
Description	Resolved a NULL BSSID issue caused by the SoftGRE gateway disconnecting and reconnecting.

Component/s	AP
Issue	ER-13772
Description	Resolved a target assertion issue that occurred when only the monitoring WLAN was active.

Component/s	AP
Issue	ER-14009
Description	The UE's IP address was reported as 0.0.0.0 through SNMP.

Component/s	AP
Issue	ER-13801
Description	Apple iOS devices could not authenticate when connected to a <i>WebAuth</i> WLAN.

Component/s	AP
Issue	ER-12953
Description	A network performance issue occurred when more than one NAT pool IP address was used.

Component/s	AP
Issue	ER-13681
Description	Redundant Dynamic Pre-Shared Key (DPSK) updates sent to the APs.

Component/s	AP
Issue	ER-13778
Description	There was a display issue with Channelfly on the preview pages.

Resolved Issues

Component/s	AP
Issue	ER-13501
Description	AP models R350 or H350 or H550 sent training packets on 2.4GHz, causing a high Tx airtime.

Component/s	AP
Issue	ER-13571
Description	AP SSH tunnel failed when changing the SSH port number.

Component/s	AP
Issue	ER-13962
Description	Mesh link could not be established on 802.11ac Wave 1 APs.

Component/s	AP
Issue	ER-14076
Description	Chromebooks with OS version 126.0.6478.x were not being identified through the DHCP procedure.

Component/s	AP
Issue	ER-14038
Description	Disabled client fingerprinting would incorrectly appear as <i>enabled</i> after refreshing the page.

Component/s	AP
Issue	ER-13478
Description	AP configuration generation could fail if the WLAN group contained non-existing WLAN members.

Component/s	AP
Issue	ER-13191
Description	Packet drop issue caused by a Direct Memory Access (DMA) mismatch between the MAC address hardware and the host Wi-Fi driver.

Component/s	AP
Issue	ER-13484
Description	Incorrect SSID name was displayed on the <i>Incident</i> page.

Component/s	AP
Issue	ER-13602
Description	Incorrect LED status on APs R560/R760 when Mesh is enabled.

Component/s	AP
Issue	ER-13724

Component/s	AP
Description	A kernel panic issue related to fragment Medium Service Data Unit (MSDU) handling on 802.11ac APs is resolved.

Component/s	Control Plane
Issue	ER-12836
Description	CLI Guest passes counter did not match the count displayed in the controller web user interface.

Component/s	Control Plane
Issue	ER-13674
Description	Resolved the following issues: <ul style="list-style-type: none"> • Slow loading issue on the AP registration rule page. • Separated SMTP handling from Switch connection handling to prevent timeouts..

Component/s	Control Plane
Issue	ER-13756
Description	Alarm <i>SoftGRE unreachable (614)</i> failed to clear automatically.

Component/s	Control Plane
Issue	ER-13793
Description	Resolved a conflict between Cassandra® garbage collection log rotation and the log rotate daemon.

Component/s	Control Plane
Issue	ER-13890
Description	Firmware was out of synchronization on vSZ ICX Switch when a new node joined the cluster.

Component/s	Control Plane
Issue	ER-13936
Description	Resolved an issue of VLAN configuration errors on Switch ports.

Component/s	Control Plane
Issue	ER-13955
Description	The DPSK key was missing in <i>Redis</i> after an upgrade.

Component/s	Control Plane
Issue	ER-14029
Description	The cluster displayed an <i>Overloading</i> status in Switches, which caused the APs to be in a rejected state.

Component/s	Data Plane
Issue	ER-13386

Resolved Issues

Component/s	Data Plane
Description	Increased the pool usage threshold to prevent data plane from dropping multicast packets.

Component/s	Data Plane
Issue	ER-13565
Description	Continuous IP address and routing table refreshes in data plane is resolved.

Component/s	Data Plane
Issue	ER-13593
Description	Data plane IP address changed after a reboot.

Component/s	Data Plane
Issue	ER-13673
Description	An incorrect IP address was applied to the data interface.

Component/s	Data Plane
Issue	ER-13799
Description	The backup configuration on the data plane failed due to the firewall blocking the TFTP protocol and issues with incorrect LED management.

Component/s	Public API
Issue	ER-13604
Description	The <i>firstIndex</i> field was incorrect in the query for Switch API.

Component/s	Public API
Issue	ER-13574
Description	Updating AP configuration through the Public API erased the AP name.

Component/s	RUCKUS AI
Issue	ER-12927
Description	Resolved an issue that caused the Radio Access (RA) / Virtual Radio Unit Emulation (VRUE) test to fail.

Component/s	RUCKUS AI
Issue	ER-13611
Description	Incorrect RADIUS failure incidents were reported on the RUCKUS AI (RAI) cloud service.

Component/s	RUCKUS One
Issue	ER-13634
Description	An unexpected 2.4GHz channel seen on the RUCKUS One web user interface when the 2.4 GHz radio was disabled.

Component/s	System
Issue	ER-13900
Description	ZD-style WISPr login feature was not functioning properly.

Component/s	System
Issue	ER-13924
Description	Failed configuration backup was not being deleted.

Component/s	System
Issue	ER-12631
Description	Resolved an issue of falsely triggered PSU related alarms.

Component/s	System
Issue	ER-13403
Description	Saving the variable <i>ueMac</i> for Group DPSK resulted in an error.

Component/s	System
Issue	ER-13404
Description	Controller upgrade failed if the Elasticsearch (ES) stalled in <i>RED</i> health status.

Component/s	System
Issue	ER-13492
Description	Dynamic VLAN (AAA override) setting for Hotspot WLANs with MAC address authentication was consistently disabled when using the controller patch WLAN API.

Component/s	System
Issue	ER-13615
Description	When changing an OWE-Transition WLAN to another WLAN type with the encryption method set to <i>None</i> the system failed to delete its paired OWE WLAN.

Component/s	System
Issue	ER-13697
Description	AP WLANs were temporarily inaccessible during the controller upgrade from version R5.x.x to 6.1.1 or later.

Component/s	System
Issue	ER-13752
Description	The <i>DELETE ServiceTicket</i> option on the API returned an error stating <i>Service Ticket does not exist</i> .

Component/s	System
Issue	ER-13862
Description	Enhanced the configuration restore process to prevent failures caused by corrupted zone data.

Resolved Issues

Component/s	System
Issue	ER-13904
Description	Resolved an issue caused by a follower node to fail when joining the cluster if there were too many uploaded firmware files for APs, Data Planes, and Switches.

Component/s	System
Issue	ER-13967
Description	Resolved the misleading error message <i>Service is in maintenance and upgrading</i> , that appeared while ElasticSearch processed internal recovery tasks.

Component/s	System
Issue	ER-13400
Description	The domain name in the query in AP API was incorrect.

Component/s	System
Issue	ER-14025
Description	The controller failed to forward SMTP/email notifications for Switch events.

Component/s	UI/UX
Issue	ER-13985
Description	The error message <i>Ambiguous method overloading for method...</i> was displayed when accessing the controller web user interface.



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