

Ruckus LTE AP Management Release Notes, 2019.02

Supporting Software Release 2019.02

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Overview

This release of Ruckus LTE AP Management includes two main features export events capability, floor plan improvements in addition to various tool tips improvements, UI enhancements, and defect fixes.

LTE AP Management 2019.02 Release Notes

New in this Release

Release Information

This section summarizes product information for the Ruckus LTE AP Management 19.02 release.

Product Name: Ruckus LTE AP Management

Release Version: 19.02_LTE

Release available: January 2020.

- **Management Service:** Feature enhancements and defect fixes
- **Mobile Application:** Ruckus LTE Mobile APP 19.02 (1.4.0).

Server IP Addresses

Service	FQDN	Address	Protocol 1	Protocol 2	Protocol 3	Protocol 4
Qualcomm® Location (XTRA Predicted Satellite Data Service)	xtrapath1.izatcloud.net	Geo	TCP/80 HTTP			
Ruckus SC-Registrar	sc-registrar.ruckuswireless.com	34.211.175.172	ICMP Echo	TCP/443 SSL		
Ruckus SC-Registrar	sc-registrar.ruckuswireless.com	34.212.162.133	ICMP Echo	TCP/443 SSL		
CommScope SAS (STA)	https://stasas.sascms.net:8443	Geo	TCP/443 SSL			
CommScope SAS (Production)	https://cbsd-iot.sascms.net:8443	Geo	TCP/443 SSL			
Federated Wireless SAS	https://sc.federatedwireless.com:443/v1.2	Geo	TCP/443 SSL			
Google SAS (STA)	https://www.google-sas.com/vendor/	Geo	TCP/443 SSL			
Google SAS (Production)	https://sas.goog/v1.2/	Geo	TCP/443 SSL			
Ruckus NTP Server	ntp.cloud.ruckuswireless.com	104.154.107.129	UDP/123 NTP			
Ruckus NTP Server	ntp.cloud.ruckuswireless.com	146.148.32.216	UDP/123 NTP			
Ruckus Cloud HeMS SeGW 1	NA	104.197.44.198	ICMP Echo	UDP/500 IKE	ESP Protocol 50	UDP/4500 NAT-T
Ruckus Cloud HeMS SeGW 2	NA	35.225.228.188	ICMP Echo	UDP/500 IKE	ESP Protocol 50	UDP/4500 NAT-T
Ruckus Cloud HeMS SeGW 3	NA	35.202.152.35	ICMP Echo	UDP/500 IKE	ESP Protocol 50	UDP/4500 NAT-T
Ruckus Cloud HeMS SeGW 4	NA	35.232.65.10	ICMP Echo	UDP/500 IKE	ESP Protocol 50	UDP/4500 NAT-T

NOTE

This list does not contain a DNS server because the AP is using the customer DNS server and therefore doesn't require a special firewall rule.

NOTE

Geo = IP may change depending upon the geo-location. Please type "nslookup <FQDN>" on cmd/ Terminal prompt to detect the exact IP address.

NOTE

This list contains ports for IKE/EXP with or without NAT-T. This list does not contain an EPC SeGW; customer is using private EPC. Addresses marked "Geo" are using geographic DNS resolution and must be statically configured on the MEC DNS server.

How Do I Get Support?

For product support information and details on contacting the Ruckus Customer Services and the Support Team, go to the Ruckus Support portal: <https://support.ruckuswireless.com>, or <https://www.ruckuswireless.com> and select **Support**.

Supported APs

The following table lists the supported LTE APs in the current release.

TABLE 1 Supported LTE APs

APs	Category	Property
Q410	Indoor	<ul style="list-style-type: none"> • Plug-in LTE: Low power AP • Stand-alone or plugged with R510/R610 Wi-Fi AP models. <p style="text-align: center;">NOTE Q410 always connects with PoE+ source only. WiFi APs may derive power from "PoE out" port on Q410 when plugged-in.</p> <ul style="list-style-type: none"> • Single RF Carrier, 2x2 @ 1/2 W EIRP • Ceiling or Wall mount
Q710	Indoor	<ul style="list-style-type: none"> • High-Capacity LTE • Dual RF Carrier 2x2 @ 1W EIRP • Ceiling or Wall mount
Q910	Outdoor	<ul style="list-style-type: none"> • Category A LTE • Dual RF Carrier 2x2 @ 1W EIRP • Pole, Wall, or Strand-mount

Feature List

The following sections lists new features for the LTE AP Management release.

The management service under user interface is updated:

- **Export events capability:**
- **Floor plan improvements:**
- **UI enhancements:**

Issues and Fixes

Resolved Issues

The following table provides information on the known issues in the current release.

Resolved Issues	Description
LTE-6291	After 90 days of license expiry, the tenant is not deleted.
LTE-6362	In certain cases, an alarm for the SAS registration failure is not reported.
LTE-6387	Alarm regarding available ECGIs does not appear.
LTE-6393	In some cases, an error appears when adding or deleting new AP.
LTE-6435	From the Events page, the Export to CSV action fails.
LTE-6469	A non-zero curl code (60,28) is returned from SCR even though an AP is added to the Cloud. After multiple retries, the connection is successful.

Open Issues

Following is a list of unresolved issues in this release.

Resolved Issues	Description
LTE-5165	An unexpected technical error access denied appears while navigating for the AP view.
LTE-5681	A deadlock is observed in the friendly Tech ACS engine.
LTE-6127	In certain corner cases, the available ECGI count shows lower than expected.

2019.02 Mobile App Release Notes

This topic lists the new features, enhancements, and supported platforms in the 2019.02 release of the Ruckus LTE Mobile App.

Version

1.4.0

General Availability

- January, 2020

Platforms

The Ruckus LTE Mobile App is an exciting mobile application since mobility itself is very central to our view of the future. Currently, the Ruckus LTE Mobile App is available on the following platforms:

- iOS 9.0 or later
- Android 4.0 or later

New Features

- Mobile App now displays the source of the alarm— the AP name.
- Mobile App now provides detailed information about alarms.
- Mobile App now displays the number of LTE clients.
- Mobile App now supports the **Clients** page.

Limitations

Band Change

NOTE

We are changing the default AP configuration to Band 48 (CBRS Band). You can check the band of operation for your AP by clicking on **AP** -> **AP Properties** -> **More**.

If your Venue was previously customized to operate on Band 42/43, and you want to continue to do so, do get in touch with your Ruckus Representative for help, or open a support case.

Adding AP After Deletion

Following the deletion of AP from a Venue, you must wait for a few minutes before adding back to the Venue to prevent a scenario where the delete operation is not completed prior to the add operation.

CBSD- SAS Communication

The AP registration with SAS cycle (CPAS) may take up to 24 hours; thus, grant may not be available for up to 24 hours.

