

Ruckus LTE AP Release Notes SC

02.04.01 Build 5

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About This Release

This document provides release information for Ruckus LTE AP Release SC 02.04.01.0005, including information on new features, resolved issues, and unresolved issues.

Supported Access Points

Ruckus LTE AP Release SC 2.4.1 supports the following Access Point models:

P01-Q910-US02
P01-Q710-US02
P01-Q410-US01

NOTE

Legacy AP SKUs, P01-Q910-US00/P01-Q710-US00 (only non-CA mode), are also supported.

New Feature

- **Single-Step Registration:** Ruckus LTE AP installations require the installation data to be certified by a CPI. Ruckus LTE AP Management provides the interface for CPI certification of LTE AP installation data. The single-step registration enables LTE AP Management (without interfacing with SAS) to pass the CPI certified LTE AP installation data through an LTE AP to SAS.
- The TDD Configuration 2 support for LTE APs operating in Carrier Aggregation (CA) mode; (P01-Q710/Q910-US02) SKUs enabling faster download speeds.
- Updated the final security certificates for Arris PKI and WINNFORUM PKI to support LTE AP Management and SAS connectivity. For more details, refer to TSB 2019-004 Downlevel Arris PKI Certificates_Rev.06.pdf, under in the [Knowledge Base Articles](#) (KB Articles) section on Ruckus Support portal.

Resolved Issues

Resolved Issues	Description
AZ-2044	An alarm is raised but and not cleared when the neighbor's (NBR's) Cell ID (CID) and EARFCN are changed
AZ-3042	The PCI Collision Alarm is not cleared even after the full PCI range is enabled and the X2 connection is established.
AZ-3382	LTE APs enable PoE out only if they receive greater than 25 watts from a switch.
AZ-3621	An LTE AP appears as operational from the Cell Availability KPI reports whereas the GPS connection is lost for a day.
AZ-3848	Both Cells are operational even when the allocated power is less than 25000 Milliwatt.
AZ-3893	Reauthentication has been disabled to prevent the false alarm, Alarm ID 304.
AZ-3900	When the AP model name is changed from Q710-US01/00 to Q700, the AP remains in the Contacted to Cloud state only.
AZ-3902	The FrequencySyncLossTime is reported as 0 in the AP Report when the GPS cable is disconnected from the LTE AP which results in discrepancy in the SAS availability KPI on Cloud.
AZ-3913	An unexpected alarm Enrolment failure for RUCKUS PKI is reported by the LTE AP while modifying network from T-portal.
AZ-3916	After a reboot from Cloud, an LTE AP reports incorrect eNodeB ID, Cell 2 instead of Cell 1 on a non-CA LTE-AP.
AZ-3919	Registration fails with the CommScope SAS.
AZ-3922	LTE AP updates incorrect last_reset_reason as E_HEMS_AND_EPC_VIRTUAL_IP_SAME while it is connected to Cloud.
AZ-3941	The CommScope Root CA certificate is missing in 2.4.

Unresolved Issues

Unresolved Issues	Description
AZ-3127	In certain cases, a software failure is observed on the CA setup while no external activity is ongoing.
AZ-3655	In some cases, LTE AP may initiate an S1 handover despite X2 connected neighbors.
AZ-3951	In certain cases, the channel switch does not occur successfully after the CTT expiry on a Q410.
AZ-3957	In certain cases, a non-CA capable AP (US00 SKU/ Q410) may not be operational if the Spectrum Inquiry response from SAS contains discontinuous 10 MHz channels.



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