

Ruckus LTE AP Release Notes SC 3.0

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About This Release

This document provides release information for Ruckus LTE AP Release SC 03.0.0.0000, 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 Access Points P01-Q910-US00 and P01-Q710-US00 are also supported, but without Carrier Aggregation (CA) capabilities.

New Features in Ruckus LTE AP Release SC 3.0

- MOCN configuration support from CLI : The *multi-operator core networks (MOCN)* feature allows network sharing, where several operators can share the same eNB infrastructure by supporting the connection of multiple co networks to an eNB with a cell broadcasting multiple PLMNs. The individual PLMNs are associated with separate core networks so that one core network handles one set of PLMNs and other core networks handle other sets of PLMNs.
- QCI to DSCP mapping : With this function, the LTE stack can apply DSCP marks to egress packets via Linux socket option. Egress packets are tagged with DSCP marks in their IP headers.
- 64 UE support : 64 Carrier Aggregated users are now supported.
- Auto Log upload configuration support from CLI : Debug and System Crash logs can now be uploaded to any FTP or HTTP server automatically. The configuration of the server is done via CLI.
- Macro eNB configuration support from CLI : Non-CBRS EARFCN Macro eNB can now be added to neighbor relation table of CBRS eNB. This configuration is done via CLI.
- Software compatibility matrix : Non-compatible software upgrade or downgrade is prevented via this feature.
- MCS 28 Support : Previous releases only had MAX MCS 27 support.
- Cloud Management release 19.02.

Knowledge Base Articles : For more information go to the [Knowledge Base Articles](#) (KB Articles) section on Ruckus Support portal

Resolved Issues

Resolved Issues	Description
AZ-3866	Get CLI command required for LED status.
AZ-3881	LED logs required when SPV for LED blink is triggered.
AZ-3382	LTE APs enable PoE out only if they receive greater than 25 watts from a switch.
AZ-4070	Abrupt simultaneous reboots of APs configured in the venue.
AZ-3941	CommScope Root CA missing in 2.4, 2.4.1

Resolved Issues	Description
AZ-4086	AP not able to connect to cloud - SCR Cert is expired.
AZ-3417:	All RSC reboot within 48 hours because of RSC_LTE_IP change event (EPC Security-gateway bug).
AZ-4015	CLONE - eNodeB Name IE missing from S1SetupRequest
AZ-3926	CLI command to fetch Intra-freq HO stats is required
AZ-3921	Certificate for AP SN#181729000066 looks corrupt on Google stroage.
AZ-3918	SCell not being activated with TDD config 2.
AZ-3892	Software Download Compatibility Matrix.
AZ-3556	RRC_Entity crash is observed during a roaming test.

Known 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.

