RELEASE NOTES

RUCKUS LTE AP Release Notes SC 04.03.00

Part Number: 800-72893-001 RevA
Publication Date: March 2021

© 2021 CommScope, Inc. All rights reserved.

ARRIS, the ARRIS logo, COMMSCOPE, RUCKUS, RUCKUS WIRELESS, the Ruckus logo, and the Big Dog design are trademarks of CommScope, Inc. and/or its affiliates. Wi-Fi Alliance, Wi-Fi, the Wi-Fi logo, Wi-Fi Certified, the Wi-Fi CERTIFIED logo, Wi-Fi Protected Access, the Wi-Fi Protected Setup logo, Wi-Fi Protected Setup, Wi-Fi Multimedia and WPA2 and WMM are trademarks or registered trademarks of Wi-Fi Alliance. All other trademarks are the property of their respective owners.

No part of this content may be reproduced in any form or by any means or used to make any derivative work (such as translation, transformation, or adaptation) without written permission from CommScope, Inc. and/or its affiliates ("CommScope"). CommScope reserves the right to revise or change this content from time to time without obligation on the part of CommScope to provide notification of such revision or change.

CommScope provides this content without warranty of any kind, implied or expressed, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. CommScope may make improvements or changes in the products or services described in this content at any time. The capabilities, system requirements and/or compatibility with third-party products described herein are subject to change without notice.

Contents

About this Release **5**
Supported Hardware 5
New in this Release **7**
Resolved Issues **9**
Known Issues **11**
Upgrading AP Software **13**
Downgrading AP Software **15**
Determining Software Upgrade or Downgrade **17**

About this Release

- Supported Hardware..... 5

This document provides release information for Ruckus LTE AP Release SC 04.03.0000 including information on new features, resolved issues, and unresolved issues.

Supported Hardware

Ruckus LTE AP Release SC 04.03.0000 supports the following Access Point models:

P01-Q910-US02
P01-Q950-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 in this Release

List of features introduced in Ruckus LTE AP Release SC 04.03.00:

- **CBRSE-165:** In case of Certificate Download Failure at AP, no intimation was provided to the user. As part of this, a new alarm is added. If certificate download/upgrade fails, an alarm is trigerred to provide accurate guidance to resolve the issue.
- **AZ-5297 :** This functionality is added to modify the current alarm. This provides further intelligent and informative error messages/RCA when Grants are Relinquished/Suspended from SAS. In order to achieve this below functionality has been added:
  - The AP shall inform if the alarm raised is due to Transmit Timer Expiry.
  - If the alarm is raised due to an error sent by SAS, the response data sent by SAS to AP will be added in the alarm being raised , informing the reason that led to the grant being suspended/relinquished.
  - In case of Grant Suspended Alarm, the AP will also add the channel details(frequency range) to the alarm.
- **AZ-5296/ ipsec diag:** Under this following functionality has been added:
  - expose the result of swanctl –list for management tunnel and EPC tunnel on cloud.
  - List all certificates present on AP and their validity.
- **AZ-5298/RSC CLI:** Under this functionality two logins have been provided for CLI-super/user.
  - With username “user” P-CLI is user can view only **Get** commands.
- **AZ-5295/ ipsec in v6**
- **AZ-5283:** Recover mechanism added in CBSD module such that whenever HB Response with error -102 is received from SAS with responseData measReport, immediately send the HB request with measurement data.

Resolved Issues

Resolved Issues	Description
AZ-5335	CLONE (CBRSE347) - Adding new APs to venues with SC4.2 build 15 will brick the AP.
AZ-5283	CLONE - Grant Suspended on wired network outage.
AZ-5271	AP is caching DNS entry for SAS and not retrying.
CBRSE-381	Ruckus Q910 constantly complaining of "Warning Temperature Reached - temperatureWarning".
CBRSE-374	Adding new APs to venues with SC4.2 build 15 will brick the AP.
CBRSE-366	Charter Analytics - SAS showing negative numbers for SAS availability.
CBRSE-360	Grant Suspended on wired network outage.
CBRSE-357	AP out of service due to SAS error code-102.

Known Issues

There are no known issues for release 04.03.000.

Upgrading AP Software

This topic provides information on upgrading the AP to secure SmallCell 4.3 default build or above.

Case 1: Base build on AP is SmallCell 4.1 or above:

1. Directly upgrade AP to SC 4.3 default build or above.

Case 2: Base build on AP is lower than SmallCell 4.1 (SC4.0, SC3.0, SC2.4, and so on).

1. Directly upgrade AP to SC 4.3 default build or above.

Downgrading AP Software

This topic provides information on downgrading the AP to secure SmallCell 4.3 default build or above.

Case 1: Base build on AP is SmallCell 4.3 build:

1. Directly downgrade AP to any other SC 4.3 patch build or default build.

Case 2: Base build on AP is any SC 4.3 patch build or default build to lower builds (SC4.0, SC3.0, SC2.4, etc):

1. Downgrade AP to SC4.2 intermediate (build 14).
2. Post this, downgrade AP to lower builds.

Determining Software Upgrade or Downgrade

Use this table to determine software upgrade and downgrade.

Base Build	Destination Build	Actions
SC4.3 Default build	SC4.3 Patch build	Upgrade
SC4.1 or above	SC4.3 Default build or above	Upgrade
Build lower than SC4.1 (SC4.0, SC3.0, SC2.4, and so on.)	SC4.3 Default build or above	Upgrade
SC4.3 Patch build	SC4.3 Default build	Downgrade
SC4.3 Patch build	4.2 build 14	Downgrade
SC4.3 Default build	Build lower than SC4.2 build 14 (SC4.2, SC4.1, SC4.0, SC3.0, SC2.4, and so on)	Downgrade AP to SC4.2 intermediate (build 14) and then downgrade AP to lower builds.

COMMSCOPE®
RUCKUS®

© 2021 CommScope, Inc. All rights reserved.
350 West Java Dr., Sunnyvale, CA 94089 USA
https://www.commscope.com