

RUCKUS Unleashed 200.13 Release Notes

Supporting Unleashed 200.13

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Document History

Revision Number	Summary of changes	Publication date
A	Initial release notes	October 2022

Introduction

This document provides release information on RUCKUS Unleashed release 200.13, including new features and enhancements, along with known issues, caveats, workarounds, supported platforms and upgrade information for this release.

Introducing RUCKUS Unleashed

Unleashed is a controller-less WLAN solution that allows small businesses to deliver an enterprise-class Wi-Fi user experience in a cost effective, easy to implement, intuitive and yet feature-rich platform. Dedicated Unleashed offers a solution with controller functionalities.

An Unleashed network can scale up to 128 Access Points and 2,048 concurrent clients in bridge mode (gateway mode supports up to 25 APs and 512 clients) and up to 128 APs and 4000 clients in Dedicated mode.

For more information on Unleashed configuration, administration, and maintenance, please see the Unleashed Online Help, available at <https://docs.commscope.com/bundle/unleashed-200.13-onlinehelp/>.

New in This Release

This section lists the new features and changed behavior in this release.

New Features

- Increase in rate limit value beyond 200 Mbps
- Elliptic Curve Cryptography (ECC) certificate SSL support
- Web UI management with the FQDN from the certificate
- Read only user UI enhancement
- DPSK enhancements
 - Allowing administrator to set own DPSK
 - Adding a user-friendly DPSK option (number only) in WLAN web UI
 - Administrator can edit DPSK user name and all the passphrases can be shown in the DPSK table
 - Adding a column "VLAN" in user table and DPSK tables
 - Changing "Serial Number" to "DPSK ID" in DPSK table
- Channel 144 support for country code "UK"
- AP list display mode changes for Controller mode
- Support backup Radius server on Unleashed AP when the primary server is configured with domain name [FR-5589]
- New RUCKUS logo
- AP-17713: Open UNII 2 EXT and UNII 3 for Israel country code
- [UI Enhancement] Provide *Translate to English* "EN" option for Guest WLAN

- Indoor AP support 5.8G channel

Dedicated Mode:

- L3 discovery support (option 43 support for all Unleashed APs).
- AP VLAN support
- AP approved option
- Redundancy ability for Smart Redundancy (SR) setup
- Capability: Same with Unleashed, maximum capacity limit increased to 4,000 clients as ZD1200 from 2048.
- Dedicated master support for AP R750 and AP R850
- Tunnel WLAN support for Dedicated Master
- UMM support
- Image upgrade related (include SR upgrade)
- ZoneDirector AP migration
- Limited Dedicated Master discovery
- Configuration restore verification
- Device VLAN support in Dedicated Master mode

NOTE

Only R750 AP and R850 AP support Dedicated Master mode.

Changed Behavior

- Master failover mechanism
 - Local bridge mode

Supports auto-recovery. When the Master is down, the system automatically elects a new Master to manage the Unleashed network with the same configuration as per the AP ability. The administrator can designate an AP to work as Master by using the **Preferred Master** option. If **Primary Preferred Master** is enabled, the designated AP will have a high priority to work as the Master AP and the second priority goes to the AP designated as the secondary preferred Master. If both preferred Master APs are down, the system automatically elects another member AP as the new Master AP.

- Dedicated mode

When a Dedicated Master AP is down, there is no option of electing a new Master while the member AP continues to work in the same way. If you require redundancy ability for the Dedicated mode, you can configure Smart Redundancy function manually.

- Twilio SMS changes

Effective November 28, 2022, Twilio will shut down the /sms/messages resource endpoint. Twilio will no longer update and maintain the /sms/messages endpoint; you'll need to migrate to the new /messages endpoint so your application continues to function as intended.

Unleashed 200.13 supports the new API of Twilio SMS. Starting from November 28, 2022, earlier versions of Unleashed prior to 200.13 must upgrade to 200.13 to continue to use the Twilio SMS function.

Hardware and Software Support

Supported Platforms

Unleashed version **200.13.6.1.319** supports the following RUCKUS AP models:

Indoor AP	Outdoor AP
C110	E510
H320	T310c
H510	T310d
M510	T310n
R320	T310s
R510	T610
R550	T610s
R610	T710
R650	T710s
R710	T750
R720	T750se
R750	T350c
R850	T350d
R350	T350se
H550	
H350	

Upgrade Information

Supported Upgrade Paths

The following release builds can be directly upgraded to Unleashed version **200.13.6.1.319**:

Online Upgrade:

- 200.7.10.2.339 (Unleashed 200.7 GA)
- 200.7.10.102.64 (Unleashed 200.7 MR1)
- 200.7.10.102.92 (Unleashed 200.7 MR2)
- 200.7.10.102.94 (Unleashed 200.7 MR3)
- 200.7.10.202.118 (Unleashed 200.7 MR4)
- 200.7.10.202.121 (Unleashed 200.7 MR5)
- 200.7.10.202.127 (Unleashed 200.7 MR6)
- 200.8.10.3.243 (Unleashed 200.8 GA)
- 200.8.10.3.278 (Unleashed 200.8 MR1)
- 200.8.10.3.290 (Unleashed 200.8 MR2)

- 200.9.10.4.202 (Unleashed 200.9 GA)
- 200.9.10.4.212 (Unleashed 200.9 GA Refresh 1)
- 200.9.10.4.233 (Unleashed 200.9 GA Refresh 2)
- 200.9.10.4.243 (Unleashed 200.9 GA Refresh 3)
- 200.10.10.5.229 (Unleashed 200.10 GA)
- 200.10.10.5.246 (Unleashed 200.10 GA Refresh 1)
- 200.10.10.5.253 (Unleashed 200.10 GA Refresh 2)
- 200.11.10.5.195 (Unleashed 200.11 GA)
- 200.12.10.5.234 (Unleashed 200.12 GA)
- 200.12.10.105.100 (Unleashed 200.12 MR1)
- 200.12.10.105.129 (Unleashed 200.12 MR1 Refresh 1)

NOTE

To upgrade to 200.13 using the online upgrade method, your Unleashed network must be running **200.7** or later. If your network is running an earlier release, first upgrade to 200.7 and continue to upgrade to 200.13.

Local Upgrade:

- 200.2.9.13.186 (Unleashed 200.2 GA)
- 200.3.9.13.228 (Unleashed 200.3 GA)
- 200.4.9.13.47 (Unleashed 200.4 GA)
- 200.5.10.0.235 (Unleashed 200.5 GA refresh 1)
- 200.5.10.0.291 (Unleashed 200.5 GA refresh 3)
- 200.6.10.1.308 (Unleashed 200.6 GA)
- 200.6.10.1.310 (Unleashed 200.6 GA refresh 1)
- 200.6.10.1.312 (Unleashed 200.6 GA refresh 2)
- 200.7.10.2.339 (Unleashed 200.7 GA)
- 200.7.10.102.64 (Unleashed 200.7 MR1)
- 200.7.10.202.92 (Unleashed 200.7 MR2)
- 200.7.10.202.94 (Unleashed 200.7 MR3)
- 200.7.10.202.118 (Unleashed 200.7 MR4)
- 200.7.10.202.121 (Unleashed 200.7 MR5)
- 200.7.10.202.127 (Unleashed 200.7 MR6)
- 200.8.10.3.243 (Unleashed 200.8 GA)
- 200.8.10.3.278 (Unleashed 200.8 MR1)
- 200.8.10.3.290 (Unleashed 200.8 MR2)
- 200.9.10.4.202 (Unleashed 200.9 GA)
- 200.9.10.4.212 (Unleashed 200.9 GA Refresh 1)
- 200.9.10.4.233 (Unleashed 200.9 GA Refresh 2)
- 200.9.10.4.243 (Unleashed 200.9 GA Refresh 3)
- 200.10.10.5.229 (Unleashed 200.10 GA)
- 200.10.10.5.246 (Unleashed 200.10 GA Refresh 1)

Known Issues

- 200.10.10.5.253 (Unleashed 200.10 GA Refresh 2)
- 200.11.10.5.195 (Unleashed 200.11 GA)
- 200.12.10.5.234 (Unleashed 200.12 GA)
- 200.12.10.105.100 (Unleashed 200.12 MR1)
- 200.12.10.105.129 (Unleashed 200.12 MR1 Refresh 1)

Known Issues

This section lists the caveats, limitations, and known issues in this release.

Issue	UN-6668
Description	Cannot redirect to Google/LinkedIn/Microsoft if the client connects to Unleashed with both Dedicated Master AP and member AP behind NAT.

Issue	UN-6663
Description	iphone with iOS 16 cannot reach "unleashed.ruckuswireless.com" after connecting to the Unleashed network.

Issue	UN-6641
Description	Cannot redirect to Google/LinkedIn/Microsoft if the client connects to the AP in public network (Dedicated Master behind NAT).

Issue	UN-6640
Description	Authorization error is observed on the iOS devices while logging in with Google (social media) Guest WLAN on default or auto pop-up browser.

Issue	UN-6600
Description	Failed to upgrade ICX-7150 from SPS08092 to SPS09010c when importing Elliptic Curve Certificate (ECC).

Issue	UN-6598
Description	Unable to run speed tests in the Dedicated AP or member AP behind NAT.

Issue	UN-6487
Description	Easy deployment installation did not restore configuration settings of AP management VLAN, Smart Redundancy, AP approval, primary and secondary Master.

Issue	UN-6457
Description	R750 profile AP failed to upgrade locally to 200.13 in Wizard page.

Issue	UN-6425
Description	The remote device version information of the ICX switch LLDP port is displayed incompletely.

Issue	UN-6374
Description	ICX with version 0901a or 0901c failed to connect to the Unleashed system.
Issue	UN-6271
Description	Clients cannot associate to WPA2/WPA3-Mixed WLAN when 802.11r is enabled.
Issue	UN-6071
Description	Unleashed 200.9 R750 profile failed to upgrade locally to 200.13 due to image size limitation (greater than 50MB).

Resolved Issues

This section lists any customer-reported issues from previous releases that have been resolved in this release.

Resolved Issues in Build 200.13.6.1.319

- Customized SMS server is not working (ZD1200, 10.5.0.0.190). [ER-11148]
- Bonjour profile name character limit. [ER-11542]
- Blocking "all" in Tunneling application under "Application Policy" blocks website "wordwall.net". [ER-11140]
- AP R710, 3x3 Clients, uplink throughput better than downlink; performance is well below than AP R610. [ER-10474]
- AP R750 reboot due to kernel panic. [ER-10795]
- All the clients randomly lost network connection on the AP. [ER-10797]
- UE with high idle time are not cleared from the host table. [ER-10844]
- ZD1200 stamgr crash. [ER-10850]
- AP R850 reboot due to kernel panic. [ER-10944]
- DPSK clients lose network connectivity during a failover from Active to Standby Controller. [ER-10967]
- APs R710 and R610 reboot due to kernel Panic . [ER-10607]
- Application Recognition & Control Data not being populated. [ER-11615]
- Unleashed 200.12.10.5.234 - Translate to English "EN" option overlaps with the logo and/or text on small screen devices. [ER-11330]
- Unleashed login using Active Directory (TLS enabled) fails after an upgrade. [ER-11603]



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