

Unleashed 200.8 Release Notes

Supporting Unleashed 200.8

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Document History

Revision Number	Summary of changes	Publication date
A	Initial release notes	January 20, 2020
B	Added note about online upgrade from 200.7.	January 23, 2020

Introduction

This document provides release information on Ruckus Unleashed release 200.8, 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.

An Unleashed network can scale up to 128 Access Points and 2,048 concurrent clients in bridge mode (gateway mode supports up to 50 APs and 1,024 clients).

For more information on Unleashed configuration, administration and maintenance, please see the Unleashed Online Help, available at <https://docs.ruckuswireless.com/unleashed/200.8/index.html>.

New in This Release

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

New Access Points

- Unleashed R750

This release adds Unleashed support for the new R750 indoor 802.11ax ("Wi-Fi 6") Access Point.

The Unleashed R750 is a dual-band 4x4:4 indoor "Wi-Fi 6" Access Point featuring one 2.5 Gbps Ethernet port that supports 802.3af/at Power Over Ethernet, one 1 Gbps (non-PoE) Ethernet port, onboard BLE/ZigBee, and a USB port for IoT applications.

New Features

- Increased Scale to 128 APs

Unleashed now supports up to 128 APs and 2,048 clients in bridge mode. In gateway mode, a maximum of 50 APs and 1,028 clients is supported.

- ICX Switch Monitoring and Management

Provides options for monitoring and basic configuration of connected ICX switches.

The following ICX switch models are supported:

- ICX7xxx series

- ICX7xxx series stack

The following ICX switch firmware versions are supported:

- SPS08090ufi
- SPS08091ufi
- SPS08092ufi
- SPR08090ufi
- SPR08091ufi
- SPR08092ufi

- Easy Deployment Using UMM

Provides an option for automatically configuring and deploying Unleashed networks remotely using an Unleashed Multi-Site Manager template.

- M510 Enhancements

LTE status information and connectivity check features.

- Local Upgrade Support in Setup Wizard

Setup Wizard provides an option to upgrade the firmware prior to building the Unleashed network.

- Remove Wave 1 AP Support

802.11ac Wave 1 APs are no longer supported. Unleashed R310, R500, R600, and T300 series do not support firmware release 200.8 or later and cannot be upgraded to this release.

- URL Filtering

URL filtering allows administrators to manage internet usage by preventing access to inappropriate websites using a customizable combination of blacklists and whitelists.

- Top 10 ARC Graphs per AP Group/per WLAN

Application recognition graphs to display in per AP group and per WLAN views.

- New ARC Engine

The Application Recognition engine has been upgraded to a new system with improved application detection.

- WPA3

WPA3 encryption and all WPA3-related WLAN types are now supported (WPA3, WPA2/WPA3-mixed, OWE).

- Mark Rogue Devices

Provides the option to mark rogue APs as "known" so that they do not appear repeatedly in system event and alarm messages.

- Admin Active Directory Authentication

Allows administrator authentication using a remote authentication server.

- Restructure of Admin & Services Web Interface

Reorganized several features in the Services and Administration sections of the web UI for improved navigability.

- Additional SMS Service Provider Support

Additional country code options can now be configured for custom SMS servers.

- Additional Configuration Options from WLAN Edit Page

Ability to edit WLAN parameters including 802.1X, accounting, etc. from WLAN edit page.

- Remote Syslog Server Support

Provides options for delivering log messages to a remote syslog server.

- Syslog Client Specific Log Options

Provides options for limiting syslogs to client-specific subsets.

- Guest Info Exportability

Allows export of guest information: client connect and disconnect logs.

- GDPR (Phase 1)

Enables compliance with the EU's General Data Protection Regulation "right to know" and "right to delete" rules for protection of client data.

- Limit the Allowed Login Domains for Google Authentication

Google authentication can be limited to specific domains for corporate Gmail users.

- PoE Mode Warnings

Displays a warning icon and a message when an AP is receiving less than full power. Refer to the Online Help for AP-specific details on limitations due to reduced power input.

- UMM Login Enhancement

Improved handling of remote login from UMM.

- ARC Category Policy Support

Allows the user to select "all" applications when creating an application recognition rule.

- New CLI Configuration Commands

Three new Master CLI configuration commands: "HS2.0 support", "Configure restore" and "Location message forwarding."

- Internet Checking Enhancement

New CLI commands allow configuration of DNS addresses used for Internet status checking.

- WiFi4EU Snippet

This option allows introduction of a WiFi4EU snippet, which allows access to free of charge Wi-Fi for EU citizens and visitors via hotspots in public spaces in municipalities across Europe.

- Changed Election Heartbeat Broadcast Packets to Unicast

Member APs will send unicast packets rather than broadcast packets to known APs after entering run state.

Changed Behavior

- None

Hardware and Software Support

Supported Platforms

Unleashed version **200.8.10.3.243** supports the following Ruckus AP models:

Indoor AP	Outdoor AP
C110	E510
H320	T310c
H510	T310d
M510	T310n
R320	T310s
R510	T610
R610	T610s
R710	T710
R720	T710s
*R750	

NOTE

Unleashed R750 is new in this release.

NOTE

The following 802.11ac "Wave 1" APs are no longer supported as of this release and cannot be upgraded to Unleashed firmware version 200.8 or later:

- R310
- R500
- R600
- T300
- T300e
- T301n
- T301s

If any unsupported APs are detected during upgrade, a warning message will appear. If you proceed with the upgrade, the APs will be unable to connect.

Upgrade Information

Supported Upgrade Paths

The following release builds can be directly upgraded to Unleashed version **200.8.10.3.243**:

Online Upgrade:

- 200.7.10.202.94 (Unleashed 200.7 MR2)

NOTE

To upgrade to 200.8 using the online upgrade method, your Unleashed network must be running **200.7.10.202.94**. If your network is not running this version (200.7.10.202.94), please upgrade to this version first.

Local Upgrade:

- 200.2.9.13.186 (Unleashed 200.2 GA)
- 200.3.9.13.228 (Unleashed 200.3 GA)

Known Issues

- 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)
- 200.7.10.202.94 (Unleashed 200.7 MR2)

Known Issues

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

Issue	UN-4149
Description	Online upgrade from a release prior to release 200.7 requires first upgrading to 200.7 and then upgrading to 200.8.

Issue	UN-3891
Description	When performing a local upgrade from a release prior to 200.5 to 200.8, the Unleashed network will be reset to factory default settings.

Issue	UN-3508
Description	Local upgrade will fail if 802.11ac Wave 1 APs exist on the Unleashed network.

Issue	UN-3766
Description	The web UI only shows general and health info for active ICX switches in an ICX stack.

Issue	UN-4043
Description	iOS devices may fail to be redirected to the login page when connecting to a Google social media guest WLAN.

Issue	UN-3861
Description	Support for WeChat guest authentication is no longer supported by Tencent, WeChat's parent company, due to security concerns.

Resolved Issues

- None



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