

RUCKUS Unleashed 200.12 Release Notes

Supporting Unleashed 200.12

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Document History

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

Introduction

This document provides release information on RUCKUS Unleashed release 200.12, 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 25 APs and 512 clients).

For more information on Unleashed configuration, administration, and maintenance, please see the Unleashed Online Help, available at <https://docs.commscope.com/bundle/unleashed-200.12-onlinehelp/>.

New in This Release

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

New Access Point in 200.12.10.5.234

- H350

This release adds Unleashed support for the new H350 indoor 802.11ax AP.

H350 is an 802.11ax Dual-Band Concurrent 2x2:2 .11ax(5GHz) + 2x2:2 .11ax(2.4GHz) for indoor applications which comes with a three port Ethernet (10/100/1000) with PoE input. It doesn't have USB port.

- T350se

This release adds Unleashed support for the new T350se outdoor 802.11ax (Wi-Fi 6) AP.

T350se is an 802.11ax Dual-Band Concurrent 2x2:2 .11ax(5GHz) + 2x2:2 .11ax(2.4GHz) for outdoor applications which comes with a single port Ethernet (1000/100/10M). It also has an integrated USB port.

New Features

- Portal WLAN enhancement for new certificate input

When a new certificate is imported, unleashed master or controller uses the FQDN as the URL host name for portal server access, and corresponding dns-spoofing is done to resolve the domain name to the IP address of unleashed master or controller.

- Master CLI supports the following:
 - WLAN service for AP group

- APs from other AP groups can be moved from one AP group to another AP group.
- Friendly-guest key support for guest WLAN
Introduction of user-friendly guest key that consists of only numbers.
- Channel 144 support
Channel 144 is supported for country codes "US" and "JP" when DFS is enabled.
- DNSmasq upgrade for security issue
DNSmasq is upgraded to address a security issue.
- Change of keywords in CLI and web GUI.
The keywords "blacklist" and "whitelist" is changed to "blocklist" and "allowlist" respectively.
- UMM tunnel to AP for debugging
UMM web UI can access master AP's CLI by way of using an SSH tunnel between the master AP and UMM.
- Support navigate to AP detail from AP group page
From the AP group page, navigation to AP detail page is supported.
- Remote access Unleashed and change Unleashed password
Remote access to the Unleashed system is supported to reset the password for Unleashed.

Changed Behavior

- None

Hardware and Software Support

Supported Platforms

Unleashed version **200.12.10.5.234** 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

Upgrade Information

Indoor AP	Outdoor AP
R350	T350se*
H550	
H350*	

NOTE

H350 and T350se are introduced in this release.

Upgrade Information

Supported Upgrade Paths

The following release builds can be directly upgraded to Unleashed version **200.12.10.5.234**:

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)

NOTE

To upgrade to 200.12 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, then continue to upgrade to 200.12.

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)
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- 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)

Known Issues

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

Issue	UN-5835
Description	"Authorization Error" is observed on iOS devices while logging in with Google (social media) guest WLAN on default or auto pop-up browser.

Issue	UN-5702
Description	Need to remark "Favorite" or "Legacy" client after the iphone client enables "Private Address".

Issue	UN-5868
Description	Configuration of channels 140 and 144 under master CLI is not supported.

Resolved Issues

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

Issue	ER-10627
Description	Clients drop out with a session timeout of 60 seconds.

Issue	ER-10555
Description	Multicast traffic is allowed when client isolation is enabled.

Issue	ER-10422
Description	R850/R720/R730 802.1X UE cannot connect with non-proxy mode.

Issue	ER-10340
Description	The UE loses network connectivity when roaming between radios in the same AP, in WPA2 WLAN.

Issue	ER-10284
Description	SSH traffic is blocked with "untag vlan 1" in trunk uplink.

Issue	ER-10241
Description	Non-existing ghost MAC being sent from AP to RTLS server.

Issue	ER-10202
Description	"get mcast-airtime" returns the value "0".

Issue	ER-10103
Description	Multicast (mDNS) traffic from the client not egressing out of the AP when "unicast+multicast" client isolation is enabled.

Issue	ER-10057
Description	Reached buffer limit in syslog / support log.

Issue	ER-9976
Description	LACP works with Mesh enabled.

Issue	ER-9939
Description	Read lock is not preceded by unlock.

Issue	ER-9831
Description	Apple clients disconnecting from WLAN due to inactivity.

Issue	ER-9637
Description	Clients with Sonos App are failing to detect Sonos speakers over WLAN. GTK Key Index missing.
Issue	UN-9517
Description	R750 MU-MIMO 2.4GHz has very low throughput and 5GHz uplink has 50% more throughput than downlink.
Issue	UN-9496
Description	AP reboots due to memory leakage.

