



Ruckus Wireless™ Unleashed™ Version 200.3

Release Notes

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Document Introduction

This document provides release information on Ruckus Unleashed release **200.3**, including new features, enhancements, known issues, caveats, workarounds, supported platforms and upgrade information for this release.

Introducing Ruckus Unleashed

Unleashed is a controller-less solution from Ruckus Wireless that provides a cost effective, easy to implement, and yet feature-rich solution that is perfect for SMB and home customers. The Unleashed solution scales up to 25 APs and 512 clients. For more information on Unleashed configuration, administration and maintenance, please see the Unleashed Online Help, available at <http://docs.ruckuswireless.com/unleashed/200.3/index.html>.

Supported Platforms and Upgrade Information

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Supported Platforms

Unleashed version **200.3.9.13.228** supports the following Ruckus AP models:

- R310
- R500
- R510
- H510
- R600
- R710
- T300
- T300e
- T301n
- T301s
- T710
- T710s

Upgrade Information

The following release builds can be directly upgraded to Unleashed version **200.3.9.13.228**:

Online Upgrade:

- 200.0.9.9.608 (Unleashed 200.0 GA)
- 200.1.9.12.62 (Unleashed 200.1 GA Refresh)
- 200.2.9.13.186 (Unleashed 200.2 GA)
- 200.3.9.13.170 (Unleashed 200.3 Beta Refresh)

Local Upgrade:

- 200.2.9.13.186 (Unleashed 200.2 GA)
- 200.3.9.13.170 (Unleashed 200.3 Beta Refresh)

Enhancements and Resolved Issues

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This section lists new features and enhancements that have been added in this release and resolved issues from previous releases.

Enhancements

Release 200.3 introduces the following new features/enhancements:

- **New Access Points: R510 and H510**
This release adds Unleashed support for the new Ruckus R510 and H510 802.11ac Wave 2 APs.
- **Gateway Support**
This release adds support for configuring the Master AP as a gateway (router), to provide NAT and DHCP functionality and be able to assign private IP addresses to member APs and clients. This feature provides a solution for SMB customers who need to provide private addresses and do not have an existing gateway router, or who connect to their ISP over PPPoE.
- **SpeedFlex Support**
This release adds support for the SpeedFlex performance testing tool.
- **Master AP Protection**
This release adds a new mechanism to protect the Master AP from overloading its hardware resources by directing client associations to other member APs when handling additional clients could lead to reduced performance. This feature is disabled by default. When enabled, it uses client load balancing to protect the Master by pushing new clients to other member APs when the Master's resource utilization is high.
- **Upgrade Enhancements**
Several enhancements have been made to the firmware upgrade process, including improved filtering for compatible firmware versions, improvements in forward-compatibility for future upgrades, and improved handling of member AP firmware downloads.

Resolved Issues

- Resolved an issue that could lead to IP address conflicts when the Unleashed Master AP was configured with a static IP address and failed to come back online after upgrade/reboot. This could result in multiple member APs being assigned the same conflicting IP address as the statically configured original Master. [ER-4863]
- Max clients for Unleashed R500/R600/T300/R310 APs has been increased from 50 to 100 when the AP is the Master AP. [ER-4774]
- Resolved an issue where Guest Portal redirection would fail to work properly when using a Management Interface. [ER-4733]

Caveats, Limitations, and Known Issues

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Known Issues

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

- WAN and LAN IP addresses must be in different subnets. If they are in the same subnet, all traffic will be dropped due to route error. [UN-720]
- If the Master AP is in Gateway mode and the WAN port is connected via PPPoE, Mesh can be enabled, but the Master AP cannot be a member of a mesh tree; all of the other connected member APs can be part of a mesh tree. [UN-550]
- Application Visibility data is not properly displayed when clients are associated to the Unleashed Master AP when the Master is in Gateway mode. [UN-755]
- Because the Unleashed R310 only has one Ethernet port, if you configure an R310 as the Unleashed Master in Gateway mode, you will not be able to connect any other APs because the one Ethernet port will be used as the WAN port and there will be no Eth port for LAN connections (also, the R310 does not support Mesh). [UN-782]
- Customized guest WLAN logo files may need to be re-imported after upgrading to 200.3. [UN-781]
- Running a SpeedFlex performance test on Unleashed R310 APs and pushing UDP traffic over a 100Mbps Ethernet link produces inaccurate results. [UN-779]
- The pre-launch browser is not appearing when the Bypass Apple CNA feature is disabled for WISPr and Guest Access authentication. This means that users will have to launch a Safari browser window to be able to complete guest authentication. [UN-444]
- When the Unleashed Master AP is in Gateway mode, the admin should not configure the LAN port network with an IP subnet of 192.168.0.1/24 (because this is the default subnet for the WAN port). If you do configure the LAN port with the same subnet, the AP will delete the LAN port subnet when the WAN port renews its IP address. [UN-842]



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