



Ruckus Wireless™ ZoneDirector™ Version 9.13.3

Release Notes

Part Number 800-71427-001 Rev A
Published December 2016

www.ruckuswireless.com

Copyright Notice and Proprietary Information

Copyright 2016. Ruckus Wireless, Inc. All rights reserved.

No part of this documentation may be used, reproduced, transmitted, or translated, in any form or by any means, electronic, mechanical, manual, optical, or otherwise, without prior written permission of Ruckus Wireless, Inc. ("Ruckus"), or as expressly provided by under license from Ruckus.

Destination Control Statement

Technical data contained in this publication may be subject to the export control laws of the United States of America. Disclosure to nationals of other countries contrary to United States law is prohibited. It is the reader's responsibility to determine the applicable regulations and to comply with them.

Disclaimer

THIS DOCUMENTATION AND ALL INFORMATION CONTAINED HEREIN ("MATERIAL") IS PROVIDED FOR GENERAL INFORMATION PURPOSES ONLY. RUCKUS AND ITS LICENSORS MAKE NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, WITH REGARD TO THE MATERIAL, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, NON-INFRINGEMENT AND FITNESS FOR A PARTICULAR PURPOSE, OR THAT THE MATERIAL IS ERROR-FREE, ACCURATE OR RELIABLE. RUCKUS RESERVES THE RIGHT TO MAKE CHANGES OR UPDATES TO THE MATERIAL AT ANY TIME.

Limitation of Liability

IN NO EVENT SHALL RUCKUS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES, OR DAMAGES FOR LOSS OF PROFITS, REVENUE, DATA OR USE, INCURRED BY YOU OR ANY THIRD PARTY, WHETHER IN AN ACTION IN CONTRACT OR TORT, ARISING FROM YOUR ACCESS TO, OR USE OF, THE MATERIAL.

Trademarks

Ruckus Wireless, Ruckus, the bark logo, ZoneFlex, FlexMaster, ZoneDirector, SmartMesh, ChannelFly, SmartCell, Dynamic PSK, and Simply Better Wireless are trademarks of Ruckus Wireless, Inc. in the United States and other countries. All other product or company names may be trademarks of their respective owners.

Contents

Copyright Notice and Proprietary Information

1 About This Release

Introduction	4
--------------------	---

2 Supported Platforms and Upgrade Information

Supported Platforms	5
Access Points	5
EoS (End of Sale) APs	6
Upgrading to This Version	7
Officially Supported 9.13.3 Upgrade Paths	7

3 Enhancements and Resolved Issues

New Access Points	8
Resolved Issues	8

4 Caveats, Limitations, and Known Issues

Known Issues	10
General	10

Introduction

This document provides release information on ZoneDirector release 9.13.3, including new features, enhancements, known issues, caveats, workarounds, upgrade details and interoperability information for version 9.13.3.

NOTE: By downloading this software and subsequently upgrading the ZoneDirector and/or the AP to version 9.13.3, please be advised that:

- The ZoneDirector will periodically connect to Ruckus and Ruckus will collect the ZoneDirector serial number, software version and build number. Ruckus will transmit a file back to the ZoneDirector and this will be used to display the current status of the ZoneDirector Support Contract.
- The AP may send a query to Ruckus containing the AP's serial number. The purpose is to enable your AP to autonomously connect with a wireless LAN controller operated by your choice of cloud service provider. Ruckus may transmit back to the AP, the Fully Qualified Domain Name (FQDN) or IP address of the controller that the AP will subsequently attempt to join.

Please be advised that this information may be transferred and stored outside of your country of residence where data protection standards may be different.

Supported Platforms and Upgrade Information

2

Supported Platforms

ZoneDirector version **9.13.3.0.22** supports the following ZoneDirector models:

- ZoneDirector 1200
- ZoneDirector 3000
- ZoneDirector 5000

Access Points

ZoneDirector version **9.13.3.0.22** supports the following Access Point models:

- C110
- H500
- H510
- R300
- R310
- R500
- R510
- R600
- R610
- R700
- R710
- T300
- T300e
- T301n
- T301s
- T610
- T610s
- T710

- T710s
- ZF7055
- ZF7352
- ZF7372
- ZF7372-E
- ZF7781CM
- ZF7782
- ZF7782-E
- ZF7782-N
- ZF7782-S
- ZF7982

EoS (End of Sale) APs

The following AP models have reached end-of-sale (EoS) status and, therefore, are no longer supported in this release. If your ZoneDirector is currently managing any of these models, a warning will appear when you attempt to upgrade.

If your ZoneDirector is currently managing any of these models, do NOT upgrade to this release. ZoneDirector will be unable to manage them.

- 7321
- 7321-U
- 7441
- 7761-CM
- 7762 series
- 7363
- 7343
- 7341
- sc8800-s
- sc8800-s-ac

Upgrading to This Version

This section lists important notes on upgrading ZoneDirector to this version.

Officially Supported 9.13.3 Upgrade Paths

The following ZoneDirector builds can be directly upgraded to ZoneDirector build 9.13.3.0.22:

- 9.10.0.0.218 (9.10 GA)
- 9.10.1.0.59 (9.10 MR1)
- 9.10.2.0.11 (9.10 MR2)
- 9.10.2.0.29 (9.10 MR2 Refresh)
- 9.12.0.0.336 (9.12 GA)
- 9.12.1.0.140 (9.12 MR1)
- 9.12.1.0.148 (9.12 MR1-Refresh)
- 9.12.2.0.101 (9.12.2 MR2)
- 9.12.2.0.204 (9.12.2 MR2 Patch)
- 9.12.2.0.219 (9.12 MR2 Refresh)
- 9.12.3.0.28 (9.12 MR3)
- 9.12.3.0.34 (9.12 MR3 Refresh)
- 9.13.0.0.232 (9.13 GA)
- 9.13.1.0.11 (9.13.1 MR1)
- 9.13.1.0.26 (9.13.1 MR1 Refresh)
- 9.13.2.0.33 (9.13 MR2)

NOTE: If you do not have a valid Support Entitlement contract, you will be unable to upgrade ZoneDirector to this release. See *Administer > Support* page for information on Support Entitlement activation.

If you are running an earlier version, you must first upgrade to one of the above builds before upgrading to this release.

Enhancements and Resolved Issues

3

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

New Access Points

- New Access Point: C110

The C110 is a new 802.11ac dual-band concurrent wall plate cable modem AP. Designed to be installed in an outlet box with a coaxial cable termination, the C110 features a DOCSIS/EuroDOCSIS 3.0 cable modem for backhaul, a USB port for uses such as a BLE dongle or other IoT applications, and two RJ-45 LAN ports for in-room wired Ethernet access.

- New Access Point: T610 and T610s

The T610 is a carrier-grade 802.11ac Wave 2 outdoor AP designed for enterprise and service provider outdoor WLAN applications. The T610 includes dual radios with 4x4:4 spatial streams, two 10/100/1000 Ethernet ports (one port supports PoE input), and 802.1ax Ethernet port aggregation. The T610 also includes a USB port for BLE Smart Beacon, Zigbee or other IoT devices.

The T610s is the sector antenna version of the T610. It includes all of the same features as the T610.

Resolved Issues

- Resolved a security issue related to Redhat CVE-2016-5195. For information on security incidents and responses, see <https://www.ruckuswireless.com/security>. [ER-4687]
- Resolved several Ruckus Cloud security issues. For information on security incidents and responses, see <https://www.ruckuswireless.com/security>. [ER-4697, ER-4555, ER-4560]
- Resolved a kernel memory leak issue on APs that would eventually lead to reboots due to watchdog timeout. [ER-3544]

- Guest Pass keys are no longer incorrectly displayed on the screen when the Notification Method is set to “Mobile” and not “Show on Screen.” [ER-3188]
- Resolved an issue that could cause ZD-controlled ZF 7372 APs to reboot due to watchdog timeout. [ER-1922]
- Resolved an issue where IPTV connected to AP may experience pixelation due to packet loss on eth0 interface. [ER-4038]
- Resolved an issue with printing multiple Guest Passes at once, where the printout would incorrectly show “invalid date” for the expiration date. [ER-4724]
- Resolved an issue with cloning L3/L4/IP address ACLs that would prevent the user from replicating an existing ACL successfully. [ER-4792]
- Resolved an Ethernet port stuck issue on R510 APs that could cause the APs to reboot and disconnect from the controller. [ER-4685]
- Resolved an issue that could cause ZF7781-CM APs to reboot continuously with the message “reset to factory defaults.” This fix enables the AP to detect the condition and reboot to recover when this condition occurs. [ER-4689]

Caveats, Limitations, and Known Issues

4

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

Known Issues

General

- C110 stops sending packets in testing when using an Ethernet port as the uplink and pushing 60-80Mbps tunneled traffic to ZoneDirector. This issue should have no customer impact since the C110 typically uses its coaxial cable port as its uplink. [ZF-16212]
- C110 Cable Modem IP address is displayed incorrectly on ZoneDirector monitoring pages when the CM is assigned an IPv6 address. [ZF-16183]
- T610 USB Port status is displayed incorrectly on ZoneDirector monitoring pages when the AP is in 802.3af PoE mode. [ZF-16278]



Copyright © 2006-2016. Ruckus Wireless, Inc.
350 West Java Dr. Sunnyvale, CA 94089. USA
www.ruckuswireless.com