Ruckus Wireless FlexMaster™ Version 9.8.1 Release Notes

November 28, 2014

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1. Introduction

This document provides release information on FlexMaster release 9.8.1 (9.8 Maintenance Release 1), along with known issues, caveats, workarounds, upgrade details, and interoperability information for version 9.8.1.

NOTE: Beginning with this release, the ZoneFlex Release Notes (which previously included ZoneDirector, FlexMaster and ZoneFlex Access Points) are now divided into three separate Release Notes documents. This document covers FlexMaster only. For ZoneDirector and Access Point release information, please refer to their respective separate Release Notes documents.

2. Supported Platforms

FlexMaster Release 9.8.1 supports the following platforms:

2.1.1. FlexMaster

- FlexMaster version 9.8.1.0.9 supports the ZoneDirector and ZoneFlex AP models listed below. FlexMaster also supports the MediaFlex product line (not included in Release 9.8.1).

2.1.2. ZoneDirector

- ZoneDirector 1100 version 9.8.1.0.101
- ZoneDirector 3000 version 9.8.1.0.101
- ZoneDirector 5000 version 9.8.1.0.101

2.1.3. Access Points

- ZoneFlex 7025 802.11n Wired/Wireless Wall Switch build 9.8.1.0.101
- ZoneFlex 7055 Dual Band 802.11n Wired/Wireless Wall Switch build 9.8.1.0.101
- ZoneFlex 7321 802.11n Smart Wi-Fi Access Point build 9.8.1.0.101
- ZoneFlex 7321-U 802.11n Smart Wi-Fi Access Point build 9.8.1.0.101
- ZoneFlex 7341 2.4GHz 802.11n Smart Wi-Fi Access Point build 9.8.1.0.101
- ZoneFlex 7343 2.4GHz 802.11n Smart Wi-Fi Access Point build 9.8.1.0.101
- ZoneFlex 7363 Dual Band 802.11n Smart Wi-Fi Access Point build 9.8.1.0.101
- ZoneFlex 7351 802.11n Smart Wi-Fi Access Point build 9.8.1.0.101
- ZoneFlex 7352 802.11n Smart Wi-Fi Access Point build 9.8.1.0.101
- ZoneFlex 7372 Dual Band 802.11n Smart Wi-Fi Access Point build 9.8.1.0.101
- ZoneFlex 7372-E Dual Band 802.11n Smart Wi-Fi Access Point with External Antenna build 9.8.1.0.101
- ZoneFlex 7761-CM Dual Band 802.11n Outdoor Access Point with integrated Cable Modem build 9.8.1.0.101

- ZoneFlex 7762 Dual-band 802.11n Outdoor Access Point build 9.8.1.0.101

- ZoneFlex 7762-S Dual-band 802.11n Outdoor Access Point with Sector Antenna build 9.8.1.0.101

- ZoneFlex 7762-T Dual-band 802.11n Outdoor Access Point with Omni Antenna build 9.8.1.0.101

- ZoneFlex 7762-AC Dual-band 802.11n Outdoor Access Point build 9.8.1.0.101

- ZoneFlex 7762-S-AC Dual-band 802.11n Outdoor Access Point with Sector Antenna build 9.8.1.0.101

- ZoneFlex 7781CM 802.11n Dual-band Outdoor Access Point with Cable Modem build 9.8.1.0.101

- ZoneFlex 7782 Dual Band 802.11n Outdoor Access Point for Service Provider WiFi; Omni-directional BeamFlex adaptive antenna build 9.8.1.0.101

- ZoneFlex 7782-S Dual Band 802.11n Outdoor Access Point for Service Provider WiFi; 120 degree sector BeamFlex adaptive antenna build 9.8.1.0.101

- ZoneFlex 7782-N Dual Band 802.11n Outdoor Access Point for Service Provider WiFi; 30 degree narrow sector BeamFlex adaptive antenna build 9.8.1.0.101

- ZoneFlex 7782-E Dual Band 802.11n Outdoor Access Point for Service Provider WiFi; external antenna build 9.8.1.0.101

- ZoneFlex 7962 Dual-band 802.11n Access Point build 9.8.1.0.101

- ZoneFlex 7982 Dual-band 802.11n Access Point build 9.8.1.0.101

- SmartCell 8800-S Dual Band 802.11n Outdoor Access Point with Sector Antenna build 9.8.1.0.101

- ZoneFlex 7441 802.11n Distributed Antenna System Access Point build 9.8.1.0.101

- R300 Dual Band 802.11n Access Point build 9.8.1.0.101

- R700 Dual Band 802.11ac Access Point build 9.8.1.0.101

- T300 Dual Band 802.11ac Outdoor Access Point build 9.8.1.0.101

- T301s Dual Band 802.11ac Outdoor Access Point with Sector Antenna build 9.8.1.0.101

- T301n Dual Band 802.11ac Outdoor Access Point with Narrow Sector Antenna build 9.8.1.0.101

> **NOTE**: ZoneFlex 2942 and 2741 APs are discontinued (End of Life) as of this release and are not supported in ZoneFlex firmware version 9.8 or later.

> **NOTE**: ZoneFlex 7025 is no longer supported by the ZoneDirector 1100 controller. If you are using a ZoneDirector 1100 with ZoneFlex 7025 APs, please do not upgrade the ZoneDirector to 9.8.1.

3. Upgrading to This Version

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

3.1.1. Official upgrade paths supported by 9.8.1.0.9:

FM 9.8.0.0.36 > FM 9.8.1.0.9

3.1.2. The operator should upgrade the FlexMaster server first and then upgrade the ZoneDirectors.

3.1.3. The operator should upgrade FlexMaster release by release. For multi-release upgrades, the operator should align the ZoneDirector version with FlexMaster first, and then continue the FlexMaster upgrade. Please refer to table below for details. For example, to perform an upgrade of FlexMaster and ZoneDirector from 9.6 to 9.8.1, use the following procedure:

- Step 1, upgrade FM 9.6 > 9.7
- Step 2, upgrade ZD 9.6 > 9.7
- Step 3, upgrade FM 9.7 >9.8
- Step 4, upgrade ZD 9.7 > 9.8
- Step 5, upgrade FM 9.8 > 9.8.1
- Step 6, upgrade ZD 9.8 > 9.8.1

3.1.4. The following table details the officially supported FlexMaster upgrade paths and their respective ZoneDirector aligned versions:

FM version	Official FM upgrade path	Align ZD version
FM 9.2	NA	ZD 9.2
FM 9.3	9.2 -> 9.3	ZD 9.3
FM 9.3.2	9.3 -> 9.3.2	ZD 9.3.2
FM 9.4	9.3 -> 9.4	ZD 9.4
FM 9.5	9.3 -> 9.5 9.3.2 -> 9.5 9.4 -> 9.5	ZD 9.5
FM 9.5.1	9.5 -> 9.5.1	ZD 9.5.1
FM 9.5.2	9.5.1 -> 9.5.2	ZD 9.5.2
FM 9.6	9.5 -> 9.6 9.5.1 -> 9.6	ZD 9.6
FM 9.7	9.6 -> 9.7	ZD 9.7, (ZD9.5.1)
FM 9.8	9.7 -> 9.8	ZD 9.8
FM 9.8.1	9.8 -> 9.8.1	ZD 9.8.1

4. Enhancements and Resolved Issues

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

4.1.1. Enhancements

4.1.2. New Access Point support

FlexMaster release 9.8.1 provides support for the following new Ruckus Access Points:

- T300 Dual Band 802.11ac Outdoor Access Point
- T301s Dual Band 802.11ac Outdoor Access Point with Sector Antenna
- T301n Dual Band 802.11ac Outdoor Access Point with Narrow Sector Antenna

4.1.3. Resolved Issues

4.1.4. Modified ZD connectivity alarm event to trigger an event after 3 consecutive missed updates to avoid false positives when processing last received communication. (ID ER-1526)