

What's New in ZF Version 9.12.2?

This application note describes the new features available in Version 9.12.2 of the Ruckus Wireless ZoneFlex family. This document assumes familiarity with the Ruckus ZoneFlex product line and the features of earlier releases till version 9.12.1.

Highlights of this Release

ZoneFlex software release 9.12.2 provides Enterprises, HotZone Operators and Managed Service Providers a higher performing, more reliable, and easier to deploy WiFi network to provide wireless access to diverse groups of users across multiple locations. The few features and enhancements in this release include:

- Introduces Entry level 11ac Access Point R310
- Enhancements to Smart Redundancy
- Adds Zero IT support for Android 5.x (Lollipop)
- CLI enhancement for time zone
- Restore ZD backup over FTP via CLI

Supported Platforms

- FlexMaster v.9.12.2
- ZoneDirector Remote Control 9.12.4 (Mobile App for iPad and Android phones)
- ZoneDirector 1200 Smart/OS v.9.12.2
- ZoneDirector 3000 Smart/OS v.9.12.2
- ZoneDirector 5000 Smart/OS v.9.12.2
- ZoneFlex R710 802.11ac Multi-User MIMO (MU-MIMO) v.9.12.2
- ZoneFlex R300 802.11n Dual-band Access Point v.9.12.2
- ZoneFlex R310 802.11ac Dual-band Access Point v.9.12.2
- ZoneFlex R500 802.11ac Dual-band Access Point v.9.12.2
- ZoneFlex R600 802.11ac Dual-band Access Point v.9.12.2
- ZoneFlex R700 802.11ac Dual-band Access Point v.9.12.2
- ZoneFlex T300 802.11ac Dual-band Access Point v.9.12.2
- ZoneFlex T300e 802.11ac Dual-band Access Point v.9.12.2
- ZoneFlex T301n 802.11ac Dual-band Access Point v.9.12.2
- ZoneFlex T301s 802.11ac Dual-band Access Point v.9.12.2
- ZoneFlex H500 802.11ac Dual-band Wired/Wireless Wall Switch v.9.12.2
- ZoneFlex 7055 802.11n Dual-band Wired/Wireless Wall Switch v.9.12.2
- ZoneFlex 7321 802.11n Access Point v.9.12.2
- ZoneFlex 7321-u 802.11n Access Point v.9.12.2
- ZoneFlex 7341 802.11n Access Point v.9.12.2
- ZoneFlex 7343 802.11n Access Point v.9.12.2
- ZoneFlex 7351 802.11n Dual-band Access Point v.9.12.2
- ZoneFlex 7352 802.11n Dual-band Access Point v.9.12.2
- ZoneFlex 7363 802.11n Dual-band Access Point v.9.12.2
- ZoneFlex 7372 802.11n Dual-band Access Point v.9.12.2
- ZoneFlex 7372-E 802.11n Dual-band Access Point v.9.12.2
- ZoneFlex 7982 802.11n Dual-band Access Point v.9.12.2
- ZoneFlex 7761-CM 802.11n Dual-band Outdoor Access Point with Cable Modem v.9.12.2
- ZoneFlex 7762 802.11n Dual-band Outdoor Access Point v.9.12.2

- ZoneFlex 7762-S 802.11n Dual-band Outdoor Access Point with Sector Antenna v.9.12.2
- ZoneFlex 7762-T 802.11n Dual-band Outdoor Access Point with High Gain 2.4 GHz Omni Antenna v.9.12.2
- ZoneFlex 7762-AC Dual-band 802.11n Outdoor Access Point v.9.12.2
- ZoneFlex 7762-S-AC Dual-band 802.11n Outdoor Access Point with Sector Antenna v.9.12.2
- ZoneFlex 7781-CM 802.11n Dual-band Outdoor Access Point with Cable Modem v.9.12.2
- ZoneFlex 7782 Dual Band 802.11n Outdoor Access Point with Omni Antenna v.9.12.2
- ZoneFlex 7782-S Dual Band 802.11n Outdoor Access Point with Sector Antenna v.9.12.2
- ZoneFlex 7782-E Dual Band 802.11n Outdoor Access Point with External Antenna v.9.12.2
- ZoneFlex 7782-N Dual Band 802.11n Outdoor Access Point with 30 deg. Narrow Sector Antenna v.9.12.2
- SmartCell 8800-S Dual Band 802.11n Outdoor Access Point with Sector Antenna v.9.12.2
- SmartCell 8800-S-AC Dual Band 802.11n Outdoor Access Point with Sector Antenna v.9.12.2
- ZoneFlex 7441 802.11n Access Point for In-Building Distributed Antenna Systems v.9.12.2

1. Support for Entry level 11ac Access Point R310

The R310 is an entry-level dual-band 802.11ac Wave 1 access point, with a single Gigabit Ethernet port supporting 802.3af PoE, and full support for the full range of Ruckus features such as BeamFlex & ChannelFly.

Customer Benefits

- R310 is the lowest cost enterprise class 11ac product in the market at launch
- Uncompromised feature set
- Easy installation due to small form factor
- Supports BeamFlex and ChannelFly

2. Enhancement to Smart Redundancy

Smart Redundancy enables fully automated disruption free redundancy. Two controllers of the same model can be configured to form a redundant pair. This feature was previously available only with controllers that had permanent licenses installed in them; with 9.12.2, this feature will work even if the controller has temporary licenses.

Customer Benefits

- Take full advantage of the Smart Redundancy feature even without permanent licenses
- Useful during trials where permanent licenses are still not loaded onto the system

3. Zero-IT support for Android 5.x

Support for Android 5.x devices has been added for Zero-IT. Zero-IT enables self service onboarding of client devices for various operating systems. With the introduction of Android 5.x Lollipop and its adoption, the Zero-IT feature is now fully supported for Android 5.x Lollipop.

Customer Benefits

- Customers can now confidently deploy Zero-IT on their network
- Wide range of OS support including the latest mobile and desktop operating systems

4. CLI enhancements for time zone

Customers now have the ability to set the ZD's time zone via CLI.

Customer Benefits

- Customers can automate initial configuration
- Can change time zone as necessary

5. Restore ZD backup via CLI

Customers can now restore their ZD from a backup file on an FTP server via CLI.

Customer Benefits

- Backups stored on an FTP server can be easily restored on a ZD