

What's New in ZF Version 9.12.1?

This application note describes the new features available in Version 9.12.1 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.

Highlights of this Release

ZoneFlex software release 9.12.1 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:

- Social Media login
 - Facebook WiFi
 - Google Oauth 2.0 (Google/Google+)
 - LinkedIn
 - Microsoft Windows Live
- Ethernet Port Redundancy

Supported Platforms

- FlexMaster v.9.12.1
- ZoneDirector Remote Control 9.12.1 (Mobile App for iPad and Android phones)
- ZoneDirector 1200 Smart/OS v.9.12.1
- ZoneDirector 3000 Smart/OS v.9.12.1
- ZoneDirector 5000 Smart/OS v.9.12.1
- ZoneFlex R710 802.11ac Multi-User MIMO (MU-MIMO) v.9.12.1
- ZoneFlex R300 802.11n Dual-band Access Point v.9.12.1
- ZoneFlex R500 802.11ac Dual-band Access Point v.9.12.1
- ZoneFlex R600 802.11ac Dual-band Access Point v.9.12.1
- ZoneFlex R700 802.11ac Dual-band Access Point v.9.12.1
- ZoneFlex T300 802.11ac Dual-band Access Point v.9.12.1
- ZoneFlex T300E 802.11ac Dual-band Access Point v.9.12.1
- ZoneFlex T301N 802.11ac Dual-band Access Point v.9.12.1
- ZoneFlex T301S 802.11ac Dual-band Access Point v.9.12.1
- ZoneFlex H500 802.11ac Dual-band Wired/Wireless Wall Switch v.9.12.1
- ZoneFlex 7055 802.11n Dual-band Wired/Wireless Wall Switch v.9.12.1
- ZoneFlex 7321 802.11n Access Point v.9.12.1
- ZoneFlex 7321-u 802.11n Access Point v.9.12.1
- ZoneFlex 7341 802.11n Access Point v.9.12.1
- ZoneFlex 7343 802.11n Access Point v.9.12.1
- ZoneFlex 7351 802.11n Dual-band Access Point v.9.12.1
- ZoneFlex 7352 802.11n Dual-band Access Point v.9.12.1
- ZoneFlex 7363 802.11n Dual-band Access Point v.9.12.1
- ZoneFlex 7372 802.11n Dual-band Access Point v.9.12.1
- ZoneFlex 7372-E 802.11n Dual-band Access Point v.9.12.1
- ZoneFlex 7982 802.11n Dual-band Access Point v.9.12.1
- ZoneFlex 7761-CM 802.11n Dual-band Outdoor Access Point with Cable Modem v.9.12.1

- ZoneFlex 7762 802.11n Dual-band Outdoor Access Point v.9.12.1
- ZoneFlex 7762-S 802.11n Dual-band Outdoor Access Point with Sector Antenna v.9.12.1
- ZoneFlex 7762-T 802.11n Dual-band Outdoor Access Point with High Gain 2.4 GHz Omni Antenna v.9.12.1
- ZoneFlex 7762-AC Dual-band 802.11n Outdoor Access Point v.9.12.1
- ZoneFlex 7762-S-AC Dual-band 802.11n Outdoor Access Point with Sector Antenna v.9.12.1
- ZoneFlex 7781-CM 802.11n Dual-band Outdoor Access Point with Cable Modem v.9.12.1
- ZoneFlex 7782 Dual Band 802.11n Outdoor Access Point with Omni Antenna v.9.12.1
- ZoneFlex 7782-S Dual Band 802.11n Outdoor Access Point with Sector Antenna v.9.12.1
- ZoneFlex 7782-E Dual Band 802.11n Outdoor Access Point with External Antenna v.9.12.1
- ZoneFlex 7782-N Dual Band 802.11n Outdoor Access Point with 30 deg. Narrow Sector Antenna v.9.12.1
- SmartCell 8800-S Dual Band 802.11n Outdoor Access Point with Sector Antenna v.9.12.1
- SmartCell 8800-S-AC Dual Band 802.11n Outdoor Access Point with Sector Antenna v.9.12.1
- ZoneFlex 7441 802.11n Access Point for In-Building Distributed Antenna Systems v.9.12.1

1. Social Media Login

The ZoneFlex version 9.12.1 introduces a new WLAN type called “Social Media” which supports many of the popular social media login. With social media login feature Ruckus customers will be able to provide easy WiFi access to their users and at the same time Ruckus customers will be able to understand about WiFi users’ demographics and other useful information from corresponding social media sites. The ZoneFlex version 9.12.1 supports the following Social Media login types.

- [Facebook WiFi](#)
- Google Oauth 2.0 (Google/Google+)
- LinkedIn
- Microsoft Windows Live

Ruckus products running ZF 9.12.1 or above are now [Facebook WiFi](#) certified. With Facebook WiFi customers now can turn their businesses into a WiFi hotspot. Once this feature is enabled,

- End users simply check into Small Business location via Facebook to connect to Wi-Fi
- Wi-Fi access codes aren't necessary and there are no new accounts to create
- End users can manually check in or choose a setting that lets them automatically check in whenever they visit the same location again.

When end users/customers check in to your (Small Business) location, you can share offers and other announcements with them. For more information visit [Facebook WiFi](#)

Similarly, with Google Oauth 2.0, students/users/customers can login using their Google credentials to access Wi-Fi network without needing additional access codes. This will also allow students access their Google docs without having to re-login again.

Customer Benefits

- *Ease of access for Wi-Fi users*
- *Small Business will be able to get end user insights from social media site*
- *Single Sign-On to connect to WiFi network and to access Google Apps*

2. Ethernet Port Redundancy

The ZoneFlex version 9.12.1 introduces support for Ethernet port redundancy on ZoneDirector 5000's Ethernet ports for increased resiliency to meet high availability requirements. Using Ethernet Port Redundancy, if one upstream switch fails, the ZoneDirector will be able to communicate with the local network using the backup Ethernet port connected to another switch.

Customer Benefits

- *Higher WLAN controller resiliency for ZD 5000*