



Firmware Release Notes

Cisco Ultra Reliable Wireless Backhaul (formerly Fluidmesh) FMx500 radio devices

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Applicability

These firmware release notes are applicable to FM3500, FM4500 and FM4500F-series radio transceivers. (Note that this radio was formerly sold as the Fluidmesh).

This document contains important change information regarding the following device firmware version:

- FM3500-series (9.4)
- FM4500-series (9.4)
- FM4500F-series (9.4)

Firmware changelog

- Fix L2TP web page to report the correct remote port
- Fix issue managing duplicated IP with CLI "l2tp add" command
- Refactor CLI l2tp add/delete command: allow automatic tunnel IDs only (avoid possibility to set static tunnel IDs)
- Fix: Default route not reset after L3 failover
- Support new logs for Monitor
- Add upper-bound limit to VLAN ids in webui and CLI
- Add new DEMO Mode unlocking unlimited features
- Radius: fix mobile authentication with EAP-TLS (MTU issue)
- Fix CLI SSH exploit major issue and improve CLI ssh (Additional information available here: <https://bst.cloudapps.cisco.com/bugsearch/Ref#CSCvz68909>)
- Refactor and improve CLI meshroute command (show, allow list/block list management)
- Add logic to enable/disable ethernet interfaces
- CLI: Add min rssi threshold to fluidity coloring command
- Generate configuration change logs (static routes, allow list/ block list, applet, user credentials)
- Improve ntp timer management and avoid potential issues when user is not authenticated
- Improve plugin notification management for Monitor, Racer and FMQuadro
- Improve custom SNMP OID management
- Prevent potential malicious code injection using Web UI
- Add missing IP validation to ping softdog page
- Improve (lighttpd) web server configuration for HTTPS redirect
- Avoid potential issue with fast failover feature and GARP CLI setting
- Improve Web UI logout logic
- Improve CLI view switching Racer online/offline
- Improve find service behaviour exiting from provisioning (limbo) mode
- Update certificate for Racer authentication.

The Cisco Ultra-Reliable Wireless Backhaul Partner Portal and all radio transceiver firmware packages have been updated with new Cisco SSL certificates. All radios connected to Racer online require a firmware upgrade to the aforementioned versions to keep working properly. For any additional information, please contact support@fluidmesh.com.

Cisco Systems, Inc. www.cisco.com

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Firmware changelog

- Improve radius server switch logic and fix potential issue with timeout management
- Improve logic for managing plugin and multi-plugin (uploading CSV file) installation
- Fix SNMP issue switching v2c/v3 version: do not allow v2c queries when v3 is enable
- SNMP: change plugin bw unit from bit/s to Mbit/s
- Fix IP fragments corruption on Fluidity L3 vehicles

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