FortiAP - Release Notes

Version 6.4.4

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Change log

Date	Change description
2021-01-12	Initial release.
2021-01-26	Updated the compatible FortiOS version on several new features.

Introduction

This document provides the following information for FortiAP version 6.4.4, build 0163:

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For more information about your FortiAP device, see the *FortiWiFi and FortiAP Configuration Guide*.

Supported models

FortiAP version 6.4.4, build 0163 supports the following models:

Models
FAP-231F, FAP-234F, FAP-23JF FAP-431F, FAP-432F, FAP-433F

What's new in FortiAP version 6.4.4

The following list includes FortiAP version 6.4.4 new features:

- Supports new models FAP-234F, FAP-23JF and FAP-432F.
- Supports IGMP Snooping.
- Up-to-date wireless region and country codes.
- The default country code of region code "E" is changed to "DE" (Germany).
- REST API enhancements: supports more statistic information about wireless station Tx/Rx datarate, MCS index, Client Health Metrics, 802.11k/v/r capability, security mode, MPSK, and airtime fairness.
  Note: FortiGate needs to run FortiOS version 7.0.0 and later.
- Supports Agile multiband (MBO) feature as configured by FortiGate.
  Note: FortiGate needs to run FortiOS version 7.0.0 and later.
- Supports DFS channels on FAP-431F and FAP-433F with region code "T".
  Note: FortiGate needs to run FortiOS version 6.4.5, 7.0.0 and later.
- Supports DFS channels on FAP-231F with region code "A".
  Note: FortiGate needs to run FortiOS version 6.4.6, 7.0.0 and later.

Special notices

New Wi-Fi 6/802.11ax models FAP-431F, FAP-433F and FAP-231F initially supported in the FortiAP-W2 6.4.0 release have been moved to FortiAP 6.4.3 and later for continuing support.

Upgrade and downgrade information

Upgrading to FortiAP version 6.4.4

FortiAP 6.4.4 supports upgrading from FortiAP version 6.4.3.

Downgrading to previous firmware versions

FortiAP 6.4.4 supports downgrading to FortiAP version 6.4.3.

Firmware image checksums

To get the MD5 checksum code for a Fortinet firmware image, perform the following steps:

1. Go to the Fortinet Support website.
2. Log in to your account. If you do not have an account, create one and then log in.
3. From the top banner, select **Download > Firmware Image Checksums**.
4. Enter the image file name, including the extension. For example, FAP_221C-v6-build0030-FORTINET.out.
5. Click **Get Checksum Code**.

Supported upgrade paths

To view all previous FortiAP versions, build numbers, and their supported upgrade paths, see the Fortinet Documentation website.

Product integration support

The following table lists product integration and support information for FortiAP version 6.4.4:

FortiOS	6.4.4 and later
Web browsers	Microsoft Edge version 41 and later
	Mozilla Firefox version 59 and later
	Google Chrome version 65 and later
	Apple Safari version 9.1 and later (for Mac OS X)
	Other web browsers may work correctly, but Fortinet does not support them.

> We recommend that the FortiAP firmware version be matched with the respective FortiOS version, when available. Other variations of FortiOS and FortiAP versions may technically work for the lowest common feature set. However, if problems arise, Fortinet Support will ask that the versions be matched, as recommended, before troubleshooting.

Resolved issues

The following issues have been resolved in FortiAP version 6.4.4. For inquiries about a particular bug, visit the Fortinet Support website.

Bug ID	Description
649223, 663180	The FAP displayed false positive "Antenna defect detected" logs or "Radio 1 RSSI error" messages.
673403	FAP multicast-enhancement function could not work.
675589	FAP-231F could not support BLE functionality.
676356	Mobile devices using "X-VPN" proxy App could bypass authentication through FortiAPCloud NAT-mode captive-portal SSID.
677788	WiFi clients could not ping each other when connected on the same bridge-mode SSID.
681605	WiFi clients could not pass PSK or ASE authentication through FortiAPCloud WPA3-SAE Transition SSID.
683568	The transmit power of both 2.4GHz and 5GHz radios exceeded the regulatory requirements of Egypt.

Known issues

The following issues have been identified in FortiAP version 6.4.4. For inquiries about a particular bug or to report a bug, visit the Fortinet Support website.

Bug ID	Description
638494	802.11ax FAP models cannot support rogue AP suppression.
684509	FAP-432F cannot support BLE functionality.

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