



FortiAP-U - Release Notes

Version 6.0.4

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FortiAP-U 6.0.4 Release Notes

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Change log

Date	Change description
2020-10-01	Initial release for FortiAP-U 6.0.4.

Introduction

This document provides the following information for FortiAP-U version 6.0.4 build 0080:

- [Supported models](#)
- [What's new in FortiAP-U version 6.0.4](#)
- [Upgrade information](#)
- [Product integration and support](#)
- [Resolved issues](#)
- [Known issues](#)

For more information about your FortiAP-U device, see the [FortiWiFi and FortiAP Configuration Guide](#).

Supported models

FortiAP-U version 6.0.4 supports the following models:

Models
FAP-U221EV, FAP-U223EV
FAP-U24JEV
FAP-U321EV, FAP-U323EV
FAP-U421EV, FAP-U422EV, FAP-U423EV
FAP-U431F, FAP-U433F

What's new in FortiAP-U version 6.0.4

The following is a list of new features and enhancements in FortiAP-U version 6.0.4:

For FortiAP-U features managed by a FortiWLC, see the [Wireless Controller documentation](#).

FortiAP-U version 6.0.4 supports the following new features, when managed by a FortiGate running FortiOS version 6.2.4 and later, or by FortiAP Cloud:

- Support WiFi client IPv6 in bridge mode.
- Add zero-wait DFS function on FAP-U421EV, FAP-U422EV and FAP-U423EV.
- Align automatic channel selection (ACS) behavior.
- Support direct SNMP query.
- Unify schedules for DARRP, background scan, SSID state, LED state, and multiple pre-shared key (MPSK).
- Add country Turkmenistan to region "I" and make country/region code up-to-date.
- Support per antenna/Rx Chain Statistics and fault alarm mechanism (FortiGate needs FortiOS 6.4.2 or later).

- Support VLAN Probe tool (FortiGate needs FortiOS 6.4.3 or later).
- Enable DFS channels on FAP-U24JEV with region code A, D, N and S (FortiGate needs FortiOS 6.4.3 or later).

Upgrade information

Upgrading from FortiAP-U version 6.0.2

FortiAP-U version 6.0.4 supports upgrading from FortiAP-U version 6.0.2 and later.

Downgrading to previous firmware version

FortiAP-U version 6.0.4 supports downgrading to FortiAP-U version 6.0.2 and later.

Firmware image checksums

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

1. Go to the [Fortinet Customer Service and Support](#) website.
2. Log in to your account. If you do not have an account, create one and then log in.
3. Select **Download > Firmware Image Checksums**.
4. Enter the image file name including the extension.
5. Click **Get Checksum Code**.

Product integration and support

The following table lists the product integration and support information for FortiAP-U version 6.0.4:

Item	Supported versions
FortiOS	6.0.6, 6.2.2 and later Note: FAP-U431F and FAP-U433F are only supported by FortiOS 6.2.2 and later.
FortiWLC-SD	8.5.1 and later
Web browsers	<ul style="list-style-type: none">• Microsoft Edge 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 function correctly but Fortinet does not support them.



We recommend that customers use a FortiOS version listed in the support table. Other variations of FortiOS and FortiAP-U versions may technically work, but are not guaranteed full functionality. If problems arise, Fortinet Support will ask that you use the recommended version before troubleshooting.

Resolved issues

The following issues have been resolved in FortiAP-U version 6.0.4. For more details about a particular bug, visit the [Fortinet Customer Service & Support](#) website.

Bug ID	Description
590550	Firmware upgrade was blocked incorrectly on FAP-U GUI.
605855	Resolved multiple issues in mesh-Ethernet bridging setup.
609201	Improved the setting of 802.11ax "target-wake-time" (TWT) at VAP level.
617329	Fixed one connection stability issue and various related crashes on FAP-U431F/U433F.
642130	FAP-U433F could not advertise any Bluetooth Low Energy (BLE) beacons.
649202	WiFi clients' connections to FAP-U became unstable after FortiGate upgraded to FortiOS 6.4.2. Note: As a workaround fix, FAP-U ignores "spectrum-analysis" setting from FortiGate for radios in AP service mode.
650669	Some WiFi clients (e.g. Galaxy Note 9 running Android 10) could not connect to FAP-U SSID with fast BSS transition (802.11r) enabled.
655608, 658417, 659039	FAP-U431F/U433F was stuck in radio initialization and triggered kernel crashes if the region code and country setting didn't match.
664786	Resolved a connectivity issue with MacBook Air.
666572	Channel bonding on FAP-U431F profile couldn't take effect when zero-wait DFS is enabled.

Known issues

The following table lists capabilities that are not supported by FortiAP-U 6.0.4 when managed by a FortiGate or FortiCloud:

Bug ID	Description
587765	Airtime Fairness.
587779	Extension information for statistics of AP, SSID, and station.
616096	FAP-U cannot support OWE-Transition security mode and the 192-bit encryption option in WPA3-Enterprise security mode.



In general, features not explicitly mentioned in [What's new in FortiAP-U version 6.0.4](#) and previous versions, are not supported.



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