



# FortiAP-S and FortiAP-W2 - Release Notes

Version 6.2.0

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FortiAP-S and FortiAP-W2 6.2.0 Release Notes

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# Change log

Date	Change description
2019-04-23	Initial release.

# Introduction

This document provides the following information for FortiAP-S and FortiAP-W2 version 6.2.0, build 0233:

- [Supported models on page 5](#)
- [What's new in FortiAP-S and FortiAP-W2 version 6.2.0 on page 5](#)
- [Upgrade information on page 7](#)
- [Product integration and support on page 8](#)
- [Resolved issues on page 9](#)
- [Known issues on page 10](#)

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

## Supported models

FortiAP-S and FortiAP-W2 version 6.2.0, build 0233 support the following models:

<b>FortiAP-S</b>	FAP-S221E, FAP-S223E, FAP-S421E, FAP-S422E, FAP-S423E
<b>FortiAP-W2</b>	FAP-221E, FAP-222E, FAP-223E, FAP-224E, FAP-421E, FAP-423E



FortiAP-W2 models do not have the unified threat management (UTM) functionality.

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## What's new in FortiAP-S and FortiAP-W2 version 6.2.0

The following list includes new features in FortiAP-S and FortiAP-W2 version 6.2.0 when managed by FortiGate (running FortiOS 6.2.0) or FortiAP Cloud:

- New wireless event logs to record detailed activities of Wi-Fi stations for troubleshooting
- New security modes
  - WPA3 Enterprise
  - WPA3 SAE
  - WPA3 SAE Transition
  - OWE
  - OWE Transition
- WMM to DSCP marking for uplink data packets
- Direct SNMP support
- VLAN probe tool
- Air time fairness

- Report of scanned Bluetooth Low Energy (BLE) devices to FortiPresence
- Wildcard domain names support in walled garden (whitelist) of captive portal SSID configured by FortiAP Cloud

The following list includes improvements in FortiAP-S and FortiAP-W2 version 6.2.0:

- New GUI
- REST API support
- New Reset button functions
  - To reboot FortiAP, push and hold the Reset button for less than 5 seconds.
  - To reboot FortiAP and enter the FortiAP Configuration mode, push and hold the Reset button for 5 to 10 seconds.
  - To reset FortiAP to the factory default, push and hold the Reset button for more than 10 seconds.
- Local automatic channel selection (ACS)
- Removal of HTTP and Telnet administrative access
- Dynamic frequency selection (DFS) certified stock keeping units (SKU):
  - FAP-222E-J
  - FAP-222E-N
  - FAP-222E-S
  - FAP-222E-T
- Wi-Fi region and country code adjustments:
  - 5 GHz channels 100 to 144 added to region "D".
  - 5 GHz transmit power increased for region "D".

# Upgrade information

## Upgrading from FortiAP-S and FortiAP-W2 version 6.0.4

FortiAP-S and FortiAP-W2 version 6.2.0 support upgrading from FortiAP-S and FortiAP-W2 version 6.0.4.

## Downgrading to previous firmware versions

FortiAP-S and FortiAP-W2 version 6.2.0 support downgrading to FortiAP-S and FortiAP-W2 version 6.0.4.

## 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\_S221E-v600-build0233-FORTINET.out.
5. Click **Get Checksum Code**.

## Supported upgrade paths

To view all previous FortiAP-S and FortiAP-W2 versions, build numbers, and their supported upgrade paths, see the [Fortinet Documentation](#) website.

# Product integration and support

The following table lists product integration and support information for FortiAP-S and FortiAP-W2 version 6.2.0:

<b>FortiOS</b>	6.2.0 and later
<b>Web browsers</b>	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-S and FortiAP-W2 version 6.2.0. For inquiries about a particular bug, visit the [Fortinet Support](#) website.

Bug ID	Description
545800	When IEEE 802.11r, 802.11k, or 802.11v is configured, FortiAP SSID disables local authentication.
536637	To reduce the memory usage, FortiAP no longer stores rogue AP data and rogue STA data received from FortiGate.
533332	The DHCP discover packet sometimes does not contain the parameter request list option.
531629	The accounting start packet is not sent when the authenticated station reconnects to the CMCC captive portal SSID.
447573	FAP-S221E, FAP-S223E, FAP-221E, FAP-222E, FAP-223E, and FAP-224E cannot support virtual access point (VAP) data rate customization.

## Known issues

The following issues have been identified in FortiAP-S and FortiAP-W2 version 6.2.0. For inquiries about a particular bug or to report a bug, visit the [Fortinet Support](#) website.

Bug ID	Description
374645	FortiAP-S and FortiAP-W2 models do not support the spectrum-analysis feature.
276655	The USB port on all FortiAP-S and FortiAP-W2 models is disabled.



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