



# FortiAP-S and FortiAP-W2 - Release Notes

Version 6.2.4

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FortiAP-S and FortiAP-W2 6.2.4 Release Notes

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# Change log

Date	Change description
2020-05-14	Initial release.

# Introduction

This document provides the following information for FortiAP-S and FortiAP-W2 version 6.2.4, build 0290:

- [Supported models on page 5](#)
- [What's new in FortiAP-S and FortiAP-W2 version 6.2.4 on page 5](#)
- [Upgrade and downgrade information on page 6](#)
- [Product integration and support on page 7](#)
- [Resolved issues on page 8](#)
- [Known issues on page 9](#)

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

## Supported models

FortiAP-S and FortiAP-W2 version 6.2.4, build 0290 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-231E FAP-321E 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 6.2.4

The following list includes new features in FortiAP-S and FortiAP-W2 version 6.2.4 managed by FortiGate (running FortiOS version 6.2.4):

- Support for external-authentication captive-portal SSID in local-standalone mode.
- Spreads out FortiAP reports evenly to the WiFi controller by assigning report indices.
- Enables DFS channels on FAP-321E with region code J.
- Enables DFS channels on FAP-231E with region code A, N, T and S.

# Upgrade and downgrade information

## Upgrading to FortiAP-S and FortiAP-W2 version 6.2.4

FortiAP-S and FortiAP-W2 version 6.2.4 support upgrading from FortiAP-S and FortiAP-W2 version 6.0.5, 6.0.6, and later.

## Downgrading to previous firmware versions

FortiAP-S and FortiAP-W2 version 6.2.4 support downgrading to FortiAP-S and FortiAP-W2 version 6.0.5, 6.0.6, and later.



- FAP-231E running version 6.2.4 firmware can only be downgraded to version 6.2.3 or version 6.0.5 (build 5528).
- FAP-321E running version 6.2.4 firmware can only be downgraded to version 6.2.3 or version 6.0.5 (build 5523).



Configurations made when FAP-231E is running 6.2.4 will not be saved if it is downgraded to 6.2.3 or 6.0.5.

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## 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 6.2.4:

<b>FortiOS</b>	6.2.4 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 their 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 6.2.4. For inquiries about a particular bug, visit the [Fortinet Support](#) website.

Bug ID	Description
551434	Fixed FAP-221E kernel crash: PC is at <code>_raw_write_lock+</code>
573364	FAP-231E did not support the Bluetooth low energy (BLE) function.
589218	FAP-421E encountered two kinds of <code>wtpd</code> daemon crashes.
606750	FAP with region code W should support 2.4GHz channels.
608111	FAP with region code N should support channels 120, 124 and 128 when the country is set to New Zealand.
608949	FAP should correctly set NAS-IP-Address as specified in RADIUS configuration.
612795	Ekahau tag detection did not work on 2.4GHz radio.
618624	Fixed FAP-321E kernel crash at <code>ieee80211_scan_table_iterate</code> .
623297	External captive portal client may fail authentication after entering credentials when secure HTTP is enabled.

## Common vulnerabilities and exposures

FortiAP-S and FortiAP-W2 version 6.2.4 are no longer vulnerable to the following common vulnerabilities and exposures (CVE) references:

- CVE-2004-1653

For details, visit the [FortiGuard Labs](#) website.



# Known issues

The following issues have been identified in FortiAP-S and FortiAP-W2 version 6.2.4. For inquiries about a particular bug or to report a bug, visit the [Fortinet Support](#) website.

Bug ID	Description
276655	The USB port on all FortiAP-S and FortiAP-W2 models is disabled.
374645	FortiAP-S and FortiAP-W2 models do not support the spectrum-analysis feature.
537931	FAP-222E doesn't support the FortiAP Configuration mode. Push and hold the RESET button on the POE adapter for more than 5 seconds to reset FAP-222E to the factory default.



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