

FortiAP-S and FortiAP-W2 5.4.3 Release Notes

VERSION 5.4.3

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Change Log

| Date | Change Description |
|------------------|--------------------|
| January 13, 2017 | Initial release. |

Introduction

This document provides the following information for FortiAP-S and FortiAP-W2 version 5.4.3 build 0166:

- [Supported models](#)
- [What's new in FortiAP-S and FortiAP-W2 5.4.3](#)
- [Upgrade Information](#)
- [Product Integration and Support](#)
- [Resolved Issues](#)
- [Known Issues](#)

For more information on upgrading your FortiAP device, see the *Deploying Wireless Networks for FortiOS 5.4* guide in the [Fortinet Document Library](#).

Supported models

FortiAP-S and FortiAP-W2 version 5.4.3 supports the following models:

| | |
|-------------------|--|
| FortiAP-S | FAP-S311C, FAP-S313C, FAP-S321C, FAP-S321CR, FAP-S322C, FAP-S322CR, FAP-S323C, FAP-S323CR, FAP-S421E, FAP-S422E, FAP-S423E |
| FortiAP-W2 | FAP-421E, FAP-423E |



FAP-421E and FAP-423E don't have UTM functionality.

What's new in FortiAP-S and FortiAP-W2 5.4.3

The following is a list of new features and enhancements in FortiAP-S and FortiAP-W2 version 5.4.3:

- Support "Wave 2" 802.11ac models: FAP-S421E, FAP-S422E, FAP-S423E, FAP-421E, FAP-423E.
- Support for DFS channels on more FAP SKUs:
 - FAP-S311C-K, FAP-S313C-K, FAP-S321C-K, FAP-S323C-K
 - FAP-S421E-E, FAP-S422E-E, FAP-S423E-E, FAP-421E-E, FAP-423E-E
 - FAP-S321C-I, FAP-S323C-I, FAP-S421E-I, FAP-S422E-I, FAP-S423E-I, FAP-421E-I, FAP-423E-I
- Support for 64-digit hexadecimal passphrase in WPA2-Personal SSID

The following features have been included in FortiCloud 3.1.0:

- OKC support for FortiCloud WPA2-Enterprise SSID with RADIUS authentication
- Dynamic VLAN support for FortiCloud WPA2-Enterprise SSID
- Support for time zone and day-light-saving settings from FortiCloud
- During firmware upgrade, FAP can download firmware image from a HTTPS server as instructed by FortiCloud.
- Bonjour Relay services

Upgrade Information

Upgrading from FortiAP-S version 5.4.2 or later

FortiAP-S 5.4.3 supports upgrading from 5.4.2.

Downgrading to previous firmware versions

FortiAP-S 5.4.3 does not support downgrading to previous firmware versions.

Firmware image checksums

The MD5 checksums for all Fortinet software and firmware releases are available at the Customer Service & Support portal, <https://support.fortinet.com>. After logging in select *Download > Firmware Image Checksums*, enter the image file name including the extension, and select *Get Checksum Code*.

Product Integration and Support

FortiAP-S and FortiAP-W2 5.4.3 support

The following table lists FortiAP-S and FortiAP-W2 version 5.4.3 product integration and support information.

FortiAP-S and FortiAP-W2 5.4.3 support

| | |
|--------------|--|
| Web Browsers | <ul style="list-style-type: none">• Microsoft Internet Explorer version 11• Mozilla Firefox version 41• Google Chrome version 47• Safari version 8 <p>Other web browsers may function correctly, but are not supported by Fortinet.</p> |
| FortiOS | 5.4.2 and later |

Resolved Issues

The following issues have been fixed in version 5.4.3. For inquiries about a particular bug, please contact [Customer Service & Support](#).

| Bug ID | Description |
|---------|---|
| 0308298 | FAP-S could not establish mesh connection to root AP if mesh SSID has disabled broadcast. |
| 0304051 | URL filter in Web Access advanced configuration should have higher priority than category setting on FAP-S. |
| 0382751 | FAP-S IPS Engine has been upgraded. |
| - | Multiple bug fixes from regular FortiAP 5.4.2 release. |

Common vulnerabilities and exposures

FortiAP-S and FortiAP-W2 5.4.3 are no longer vulnerable to the following CVE Reference:

- 2016-6308
- 2016-6307
- 2016-6306
- 2016-6305
- 2016-6304
- 2016-6303
- 2016-6302
- 2016-2183
- 2016-2182
- 2016-2181
- 2016-2180
- 2016-2179
- 2016-2178
- 2016-2177

Visit <https://fortiguard.com/psirt> for more information.

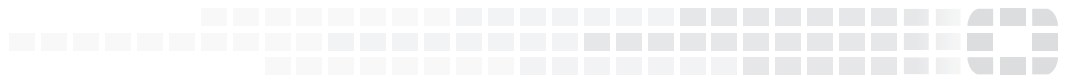
Known Issues

The following issues have been identified in version 5.4.3. For inquiries about a particular bug or to report a bug, please contact [Customer Service & Support](#).

| Bug ID | Description |
|---------|--|
| 0276655 | The USB port on all FortiAP-S models is disabled. |
| 0374645 | FAP-S models do not support spectrum-analysis feature. |
| 0400441 | "Wave 2" FAP/FAP-S models cannot customize data rate and MCS index settings. |



High Performance Network Security



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