

FortiAP 5.4.1 Release Notes

VERSION 5.4.1

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Change Log

Date	Change Description
October 11, 2016	Added Supported Upgrade Paths link.
June 8, 2016	Initial release.

Introduction

This document provides the following information for FortiAP version 5.4.1:

- [Supported models](#)
- [What's new in FortiAP 5.4.1](#)
- [Upgrade Information](#)
- [Product Integration and Support](#)
- [Resolved 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 version 5.4.1 supports the following models:

Model support

Model	Build
FAP-11C, FAP-14C, FAP-21D, FAP-24D, FAP-25D, FAP-112B, FAP-112D, FAP-221B, FAP-221C, FAP-222B, FAP-222C, FAP-223B, FAP-223C, FAP-224D, FAP-320B, FAP-320C, FAP-321C	0339

What's new in FortiAP 5.4.1

The following is a list of new features and enhancements in FortiAP version 5.4.1:

- SSH and HTTPS administrative access for FAP
- Administrative access is allowed by FAP management interface only
- Link Aggregation (FAP-320B and 320C only; FAP CLI: `cfg -a WANLAN_MODE=AGGREGATE`)
- Mesh leaf FAP can support mesh fast roaming
- Local-bridging SSID can support Intra-SSID privacy within the same FAP unit
- FortiCloud captive-portal SSID can support client roaming smoothly between different FAP units
- FortiGate can run FAP shell commands through CAPWAP-Control tunnel (FGT CLI: `diagnose wireless-controller wlac wtpcmd`)
- FortiGate can set new transmit-optimize options for FAP 802.11n radio in wtp-profile configuration
- FortiGate can set new broadcast-suppression option "arp-proxy" in vap configuration

Upgrade Information

Upgrading from FortiAP version 5.2.4 or later

FortiAP 5.4.1 supports upgrading from 5.2.4 or later.

Downgrading to previous firmware versions

FortiAP 5.4.1 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*.

Supported Upgrade Paths

To view all previous FortiAP versions, build numbers, and their supported upgrade pathways, see the following Fortinet Cookbook link:

<http://cookbook.fortinet.com/supported-upgrade-paths-fortiap/>

Product Integration and Support

FortiAP 5.4.1 support

The following table lists FortiAP version 5.4.1 product integration and support information.

FortiAP 5.4.1 support

Web Browsers	<ul style="list-style-type: none">• Microsoft Internet Explorer version 11• Mozilla Firefox version 41• Google Chrome version 47• Safari 8 Other web browsers may function correctly, but are not supported by Fortinet.
FortiOS	5.4.1
FortiExplorer (Windows/MAC)	2.6.0 (model FAP-11C only)
FortiExplorer iOS	2.0.0 (models FAP-11C, 21D, 24D, 112D, 320B, and 320C only)

Resolved Issues

The following issues have been fixed in version 5.4.1. For inquiries about a particular bug, please contact [Customer Service & Support](#).

Bug ID	Description
0252656	On 802.11ac radio, the intra-vap-privacy setting could not work.
0275787	Clients with RTL8821AE 802.11ac PCIe Wireless Network Adapter caused FAP-21D to experience a kernel panic and reboot every five minutes.
0276597	Wrong country code was broadcast in beacon frame for country code "KR" (Korea Republic).
0277980	On 802.11ac radio, the station-locate setting could not work.
0285521, 0365553	DHCP starvation was not suppressed successfully on local-bridging SSID.
0297079	FortiAPs dropped LLDP packets from CISCO switch when the native VLAN ID is not 1.
0305472	802.11ac FAP models with country code "KR" (Korea Republic) can support 5GHz channels 36, 40, 44, 48, 149, 153, 157 and 161.
0305626	Added region code "P" for country code "RU" (Russia).
0307461	The FAP interface for local-bridging SSID was getting IP address from DHCP server.
0307806	The max TX power of FAP-222C 2.4GHz band was lower than expected in Brazil.
0309588	Channel-bonding configuration is added for country-code "TR" (Turkey).
0354643	Unable to get redirected to webpage accessed after captive portal authentication.
0355314	Apple clients encountered connection issues with local-bridging SSID in FAP, especially when switching between SSIDs.
0356854	Added region code "V" for country code "VN" (Vietnam) and relevant countries.
0365756	Added DHCP starvation suppression feature on 802.11ac driver.
0366293	WPA-Enterprise SSID can support FQDN of RADIUS server configured by FortiCloud.
0368960	AeroScout location feature could not work on 11AC radio.

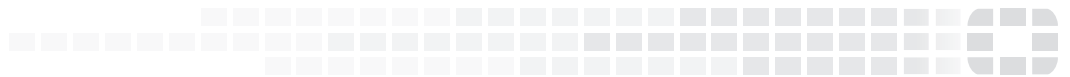
Known Issues

The following issues have been identified in version 5.4.1. For inquiries about a particular bug or to report a bug, please contact [Customer Service & Support](#).

Bug ID	Description
0300081	FortiAPs may encounter high CPU usage intermittently after a FortiGate wireless controller pushes a local-authentication virtual AP (VAP) configuration to them.
0236312	Split-tunneling SSIDs do not support VLANs.
0245323	Spectrum analysis may result in high CPU usage on some FortiAP models including the FAP-221B, FAP-223B, and FAP-221C.
0301726	Sniffer mode does not work on 802.11ac radios. Sniffer will be stuck in INIT(0) state and no packets will be captured.
0300277	If you disable local-standalone in a virtual AP (VAP) the updated configuration is incorrectly pushed to the FortiAP resulting in NAT mode being enabled when it should be disabled.



High Performance Network Security



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