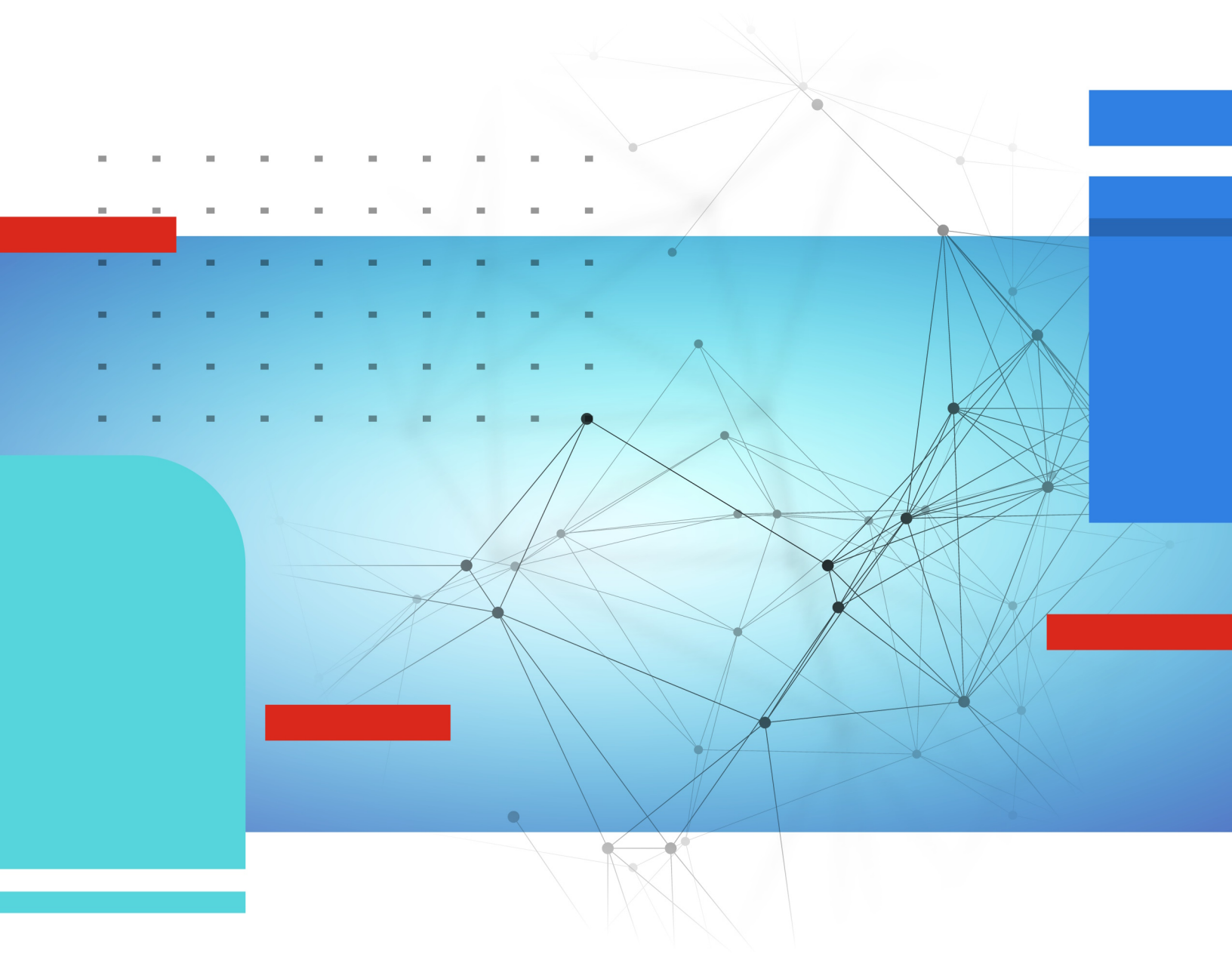




# Release Notes

FortiAP 7.4.4



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FortiAP 7.4.4 Release Notes

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## Change log

Date	Change description
2024-10-17	Initial release.
2024-11-06	Updated <a href="#">Supported models on page 5</a> and <a href="#">Region/country code update and DFS certification on page 6</a>

# Introduction

This document provides release information for FortiAP version 7.4.4, build 0713.

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

## Supported models

FortiAP version 7.4.4, build 0713 supports the following models:

### Wi-Fi 6 Models

FAP-231F, FAP-234F, FAP-23JF,  
FAP-431F, FAP-432F, FAP-432FR, FAP-433F,  
FAP-831F

### Wi-Fi 6E Models

FAP-231G, FAP-233G, FAP-234G,  
FAP-431G, FAP-432G, FAP-433G

### Wi-Fi 7 Models

FAP-441K (build 6779), FAP-443K (build 6779)

## New features or enhancements

The following table includes FortiAP version 7.4.4 new features and enhancements:

Bug ID	Description
1006878	Support the MPSK profile in local-standalone WPA3-SAE SSID.
1029527	Improve the configuration of BLE-based Real-Time Location Service (RTLS) and support "Evresys" RTLS solution.
1030089	Support channel bandwidth configuration in Sniffer mode.
1032950	Support updating the MAC address database from the FortiGate WiFi Controller.
1043785	Support RADIUS-based MAC-address MPSK authentication on WPA3-SAE SSID.
1056860	Support uploading the portal server's certificate with wildcard or matching DNS names to improve HTTPS host redirection over bridge-mode captive-portal SSID.

## Region/country code update and DFS certification

Bug ID	Description
0911455	Add Nigeria (NG) to region code "I".
0936150	Enable 6GHz channels for Faroe Islands (FO).
1034565	Enable DFS channels for FAP-234G with region code "T".
1043444	Enable DFS channels for FAP-432G with region code "E", "I", "Y", "S", "V", "D", and "N" (without Brazil Anatel).
1043895	Enable 6GHz channels (1 - 93) for Taiwan and Macau.
1046018	Enable DFS channels for FAP-431G and 433G with region code "K".
1056641	Enable DFS channels for FAP-441K with region code "J".
1061658	Change Uzbekistan to region code "P"; enable 6GHz channels (1 - 93) for region "P".
1061666	Enable 6 GHz channels (1 - 93) for Philippines and Pakistan.
1063701	Enable DFS channels for FAP-432G with region code "A".
1070912	On FortiAP Wi-Fi 6 and Wi-Fi 6E models, the region code of the following countries has changed from "A" to "N": Barbados, Belize, Colombia, Dominican Republic, Grenada, Guyana, Honduras, Micronesia, and Panama.

Bug ID	Description
	<b>Note:</b> On FortiAP Wi-Fi 7 models, these country codes are still in region code "A".
1077778	FAP-443K with region code "A" has disabled the 6GHz radio due to limitations of the Automated Frequency Coordination (AFC) module.

# Upgrade and downgrade information

## Upgrading to FortiAP version 7.4.4

FortiAP 7.4.4 supports upgrading from FortiAP version 7.2.2 and later.

## Downgrading to previous firmware versions

FortiAP 7.4.4 supports downgrading to FortiAP version 7.2.2 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 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 **Support > Firmware Image Checksum**.
4. Enter the image file name, including the extension. For example, FAP\_231F-v7-build0365-FORTINET.out.
5. Click **Get Checksum Code**.

## Supported upgrade paths

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



## Product integration support

The following table lists product integration and support information for FortiAP version 7.4.4:

<b>FortiOS</b>	FortiOS 7.4.5 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 version 7.4.4. For inquiries about a particular bug, visit the [Fortinet Support](#) website.

Bug ID	Description
0899483	Rogue AP suppression couldn't work.
0899796	FortiAP couldn't handle fragmented packets randomly.
0901595	Fixed a kernel crash issue <code>PC is at wlan_objmgr_pdev_release_ref+0x1bc/0x2e8 [umac]</code> .
0920093	Excessive unknown frames from over-the-air were forwarded to the FortiGate.
0923964	Some Wi-Fi devices couldn't acknowledge DHCP packets transmitted by FortiAP over the 802.11ax band.
0991770	The IP tables became corrupted after removing captive-portal SSID with social-media login.
1024137	After operating for an extended period of time, FortiAP stops sending EAPOL packets and de-authenticates wireless stations with 4-way handshake timeout.
1028653	Ekahau tag blink mode couldn't work with FortiAP.
1032487	Fixed a watchdog issue in the FortiAP <code>cwWtpd</code> daemon when performing LLDP power negotiation with the peer switch port.
1039347	Some Wi-Fi devices couldn't connect when the FortiAP spectrum scan was on.
1042993	FortiAP added extra padding in the Circuit ID field of DHCP option 82.
1052260	FortiAP with region code "E" should support country code Saudi Arabia (SA).
1054107	In rare instances, FortiAP sent probe response without including the SSID name.
1056451	FortiAP goes offline after a switch connects over the FortiAP mesh bridge.
1056857	When two SSIDs were assigned to the 6GHz radio, some Wi-Fi devices can only detect one SSID.
1056861	Fixed a kernel crash issue <code>PC is at run_timer_softirq+0x138/0x1c8</code> .
1055682	Fixed a kernel crash issue <code>sched_algo_txbf.c:1034 Assertion</code> .

## Known issues

The following issues have been identified in FortiAP version 7.4.4. For inquiries about a particular bug or to report a bug, visit the Fortinet Support website.

Bug ID	Description
980717	FAP-234G/432G outdoor mode cannot work on the 6GHz radio band.
981982	FAP-234G/432G as mesh leaf cannot create a connection with mesh root FAP. <b>Workaround:</b> On the FortiGate, edit the <code>wtp-profile</code> of the FAP-234G/432G, and set <code>indoor-outdoor-deployment</code> to <code>indoor</code> .



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