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Release Notes

FortiAP 7.6.2

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FortiAP 7.6.2 Release Notes
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Change log

Date	Change description
2025-05-21	Initial release.

Introduction

This document provides release information for FortiAP version 7.6.2, build 0972.

For more information about your FortiAP device, see the *FortiWiFi and FortiAP Configuration Guide*.

Supported models

FortiAP version 7.6.2, build 0972 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-231K, FAP-23JK, FAP-241K, FAP-243K, FAP-441K, FAP-443K

New features or enhancements

The following table includes FortiAP version 7.6.2 new features and enhancements:

Bug ID	Description
0897757	FortiAP Wi-Fi 6E and Wi-Fi 7 models support BLE-based management by FortiExplorer Go (iOS). **Note:** BLE access is available on FortiAP for 30 minutes after reboot.
1000375	FortiAP Wi-Fi 7 models support MACsec authentication on WAN port.
1085651	FortiAP supports SNMP query for UP time, RX bytes, TX bytes, CPU usage, memory usage, station count, and temperature.
1148511	Support new model FAP-23JK.
1150407	Support new model FAP-231K. **Note:** FAP-231K supports the "Secure Boot" feature and has "Security Level" set to "High" by factory default. Only officially certified GA firmware images are allowed to load on FAP-231K.

Region/country code update and DFS certification

Bug ID	Description
1098507	Enable 6GHz channels for Bangladesh (BD), Namibia (NA), Azerbaijan (AZ), and Kazakhstan (KZ).
1117639	Enable 6GHz channels for Israel (IL).
1122688	For FortiAP Wi-Fi 6 and Wi-Fi 6E models, add country Timor-Leste (TL) to region code "N". For FortiAP Wi-Fi 7 models, add country Timor-Leste (TL) to region code "H".
1128545	Enable DFS channels for FAP-23JK with region code "A", "E", "I", "Y", "S", "V", and "N" (without Brazil).
1130533	Enable DFS channels for FAP-231G and FAP-431G with region code "P" (Uzbekistan).
1139875	Enable DFS channels for FAP-432G with region code "N" (Brazil) and region code "T".
1146045	Enable DFS channels for FAP-234G with region code "N" (Brazil).
1150628	Enable DFS channels for FAP-231K with region code "E", "I", "Y", "S", "V", "P", "H", and "N" (without Brazil).

Changes in CLI

Bug ID	Description
1100362	Add new `cfg` variables for local admin lockout configuration: • `ADMIN_LOCKOUT_THRESHOLD`: Number of failed login attempts before an admin account is locked out (default = 3). • `ADMIN_LOCKOUT_DURATION`: Amount of time in seconds that an admin account is locked out after `ADMIN_LOCKOUT_THRESHOLD` is reached (default = 60 seconds).

Upgrade and downgrade information

Upgrading to FortiAP version 7.6.2

FortiAP 7.6.2 supports upgrading from FortiAP version 7.4.3 and later.

Downgrading to previous firmware versions

FortiAP 7.6.2 supports downgrading to FortiAP version 7.4.3 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 7.6.2:

FortiOS	FortiOS 7.6.3 and later.
Web browsers	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 7.6.2. For inquiries about a particular bug, visit the Fortinet Support website.

Bug ID	Description
0786545	FortiAP Wi-Fi 6E and Wi-Fi 7 models couldn't detect an AeroScout tag.
0908690	FortiAP should send BLE reports through the CAPWAP-data channel.
0939375	FAP-431G/433G moved DFS channels to the NOL list after the radio state changed.
0977022	Wi-Fi clients connected with tunnel-mode SSID were unable to pass traffic when "1+1" HA failed over to the secondary FortiGate.
1060165	The FAP-231G/233G/234G 2.4GHz radio would stop SSID beaconing.
1110614	FortiAP Wi-Fi 6E and Wi-Fi 7 models couldn't implement rogue AP suppression.
1115620	Wi-Fi clients connected with bridge-mode captive-portal SSID lost connection after FortiAP rejoined FortiGate.
1120173	FAP-23JF/231F 2.4GHz radio would occasionally stop SSID beaconing.
1124354	FortiAP couldn't connect with FortiGate if the country string configuration was missing.
1127832	The WiFi and Ethernet LEDs of FortiAP Wi-Fi 7 models would sometimes turn off.
1134558	FortiAP should support strong crypto SHA224, SHA256, SHA384 and SHA512 in SNMP configuration.
1137668	Fixed hostapd daemon crash at `hostapd_debug_sta_enabled`.
1140433	FAP-234G couldn't negotiate 802.11at power level from the PoE++ ports of FSW-110G-FPOE.
1140990	DARRP was skipping available DFS channels that initially detected radar signals but then later became clear.
1144989	The RESET button on FAP-231G/233G didn't function correctly.

Known issues

The following issues have been identified in FortiAP version 7.6.2. 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 as mesh leaf cannot create a connection with mesh root FAP. **Workaround:** On the FortiGate, edit the `wtp-profile` of FAP-234G, and set `indoor-outdoor-deployment` to `indoor`.

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