

Release Notes

FortiAP 7.0.1



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FortiAP 7.0.1 Release Notes

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Change log

Date	Change description
2021-07-22	Initial release.

Introduction

This document provides release information for FortiAP version 7.0.1, build 0034.

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

Supported models

FortiAP version 7.0.1, build 0034 supports the following models:

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

New features or enhancements

The following table includes FortiAP version 7.0.1 new features and enhancements:

Bug ID	Description
642963	<p>After being authenticated on a bridge-mode external captive-portal SSID, clients can log out via an HTTP or HTTPS URL:</p> <ul style="list-style-type: none"> • <code>http://[FAP IP]:5000/logout</code> • <code>https://[FAP IP]:5001/logout</code> <p>The REST API to log out a client by MAC address:</p> <ul style="list-style-type: none"> • URL: <code>https://[FAP IP]/cp-logout</code> • Method: POST • Data: <code>macaddr=[client MAC address]</code>
699133	Reports AP operating temperature (degree Celsius) to FortiGate WiFi Controller.
700996	Supports SES-imagotag USB dongle in Electronic Shelf Labels (ESL) system.
705046	Supports VLAN ID assignment according to RADIUS attribute "Tunnel-Private-Group-Id" when it is a text string, and matches one interface name of sub-VLAN interfaces of VAP.
706967	Local-standalone NAT-mode SSID can configure optional DNS servers to assign out to wireless clients through DHCP.
709872	Supports "SKIP CAPWAP Offload" flag in CAPWAP header of certain packets as required by new FortiGate models with NP7 acceleration module.
717244	Supports new model FAP-831F.
719445	Console port on applicable FAP models can be enabled or disabled by <code>wtp-profile > console-login</code> setting from FortiGate.
723929	Supports "hitless" failover in FortiGate HA cluster (active-passive mode only).
730228	Supports captive-portal authentication in Service Assurance Manager (SAM) mode.

Region/country code update and DFS certification

Bug ID	Description
708792	Supports DFS channels on FAP-23JF with region code E, I, V, Y, and D.
711546	Supports DFS channels on FAP-231F with region code J.
715000	Supports DFS channels on FAP-234F with region code A.
724849	Supports DFS channels on FAP-432F with region code A.

Bug ID	Description
726479	Supports DFS channels on FAP-231F with region code K. Note: FortiGate needs FortiOS version 7.0.2 and later.

Changes in CLI

Bug ID	Description
700986	For site-survey mode SSID, allow setting different transmit power levels for 2.4 and 5 GHz respectively. <ul style="list-style-type: none">• The previous "SURVEY_TX_POWER" has been replaced with "SURVEY_TX_POWER_24" and "SURVEY_TX_POWER_50";• Value range: [1, 33] dBm; default=30.

Upgrade and downgrade information

Upgrading to FortiAP version 7.0.1

FortiAP 7.0.1 supports upgrading from FortiAP version 6.4.5 and later.

Downgrading to previous firmware versions

FortiAP 7.0.1 supports downgrading to FortiAP version 6.4.5 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 **Download > Firmware Image Checksums**.
4. Enter the image file name, including the extension. For example, FAP_221C-v6-build0030-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 7.0.1:

FortiOS	7.0.1 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 7.0.1. For inquiries about a particular bug, visit the [Fortinet Support](#) website.

Bug ID	Description
701896	After long idle time, WiFi clients cannot reconnect to FortiLAN Cloud SSID with PMF enabled.
718756	FAP in a remote location is unable to come online on a FGT in a central location via MPLS/site-to-site VPN.
719640	WiFi clients cannot connect bridge-mode SSID when NP7 FGT has capwap-offload enabled.
722948	Mesh fast roaming didn't work in 802.11ax FAP models.
708954	Batch of FAP-231F units lost connection intermittently due to CRC errors in received and transmitted packets.
709421	FortiCloud SSID would deny station connections after running one day or two due to an issue in station counter.

Known issues

The following issues have been identified in FortiAP version 7.0.1. For inquiries about a particular bug or to report a bug, visit the [Fortinet Support website](#).

Bug ID	Description
645121	FortiAP should report detected station information from radio1 and radio2 when FortiPresence is enabled.



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