



# FortiLink Release Notes (FortiOS 7.6.5)

FortiSwitchOS 7.6.5



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FortiSwitchOS 7.6.5 FortiLink Release Notes (FortiOS 7.6.5)

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# Change log

Date	Change Description
December 11, 2025	Initial document release for FortiOS 7.6.5
February 10, 2026	Updated the table in <a href="#">Introduction on page 6</a> .
March 4, 2026	Added bug 1192643.

# What's new in FortiOS 7.6.5

The following list contains new managed FortiSwitchOS features added in FortiOS 7.6.5:

- When in FortiLink mode, the FSR-108F, FSR-112F-POE, and FSR-216F-POE models now support auto-negotiation in SGMII mode.
- The switch controller now provides OS image signature verification for dual-signed images.

# Introduction

This document provides the following information for FortiSwitch 7.6.5 devices managed by FortiOS 7.6.5 build 3651:

- [Special notices on page 7](#)
- [Upgrade information on page 8](#)
- [Product integration and support on page 9](#)
- [Resolved issues on page 10](#)
- [Known issues on page 11](#)

See the [Fortinet Document Library](#) for FortiSwitchOS documentation.

Refer to the [FortiLink Compatibility table](#) to find which FortiSwitchOS versions support which FortiOS versions.



FortiLink is not supported in transparent mode.

The maximum number of supported FortiSwitch units depends on the FortiGate model:

FortiGate Model Range	Number of FortiSwitch Units Supported
FortiGate 40F, FG-50G, FortiGate-VM01	8
FGR-50G-5G, FGR-60F, FG-60F, FGR-60F-3G4G, FG-61F, FG-70F, FG-70G, FGR-70G, FG-71F, FG-80F, FG-80FB, FG-80FP, FG-81F, FG-81FP, FG-90G, FG-91G, FortiGate-VM02	24
FortiGate 100F, 101F	32
FG-120G, FG-121G	48
FortiGate 200E, FG-200G, 201E, 200F, 201F, 800D, 900D, FortiGate-VM04	64
FortiGate 300E to 500E	72
FortiGate 600E to 900E, 400F, 401F, 601F	96
FortiGate 1000D, 600F	128
FortiGate 900G, 901G, 1000F, 1001F, 1100E to 26xxF	196
FortiGate-3xxx and up and FortiGate-VM08 and up	300



New models (NPI releases) might not support FortiLink. Contact [Customer Service & Support](#) to check support for FortiLink.

# Special notices

## Support of FortiLink features

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Refer to the [FortiSwitchOS feature matrix](#) for details about the FortiLink features supported by each FortiSwitchOS model.

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# Upgrade information

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Check the FortiSwitchOS Release Notes before upgrading the FortiSwitch firmware from the FortiGate Switch Controller.

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FortiSwitchOS 7.6.5 supports upgrading from FortiSwitchOS 3.5.0 and later.

To determine a compatible FortiOS version, check the [FortiLink Compatibility matrix](#).

Within the Security Fabric, the FortiSwitch upgrade is done after the FortiGate upgrade. Refer to the latest [FortiOS Release Notes](#) for the complete Security Fabric upgrade order.

# Product integration and support

## FortiSwitchOS 7.6.5 support

The following table lists FortiSwitchOS 7.6.5 product integration and support information.

<b>Web browser</b>	<ul style="list-style-type: none"><li>• Microsoft Edge 135</li><li>• Mozilla Firefox version 138</li><li>• Google Chrome version 136</li></ul> <p>Other web browsers might function correctly, but are not supported by Fortinet.</p>
<b>FortiOS (FortiLink Support)</b>	Refer to the <a href="#">FortiLink Compatibility table</a> to find which FortiSwitchOS versions support which FortiOS versions.

# Resolved issues

The following issues have been fixed in FortiOS 7.6.5. For inquiries about a particular bug, please contact [Customer Service & Support](#).

Bug ID	Description
1138263	The FortiSwitch port configurations fail to update and GUI display issues occur when the user-info process overloads system resources with excessive connections.
1141909	The 10G port on the FortiGate-120G is not coming up when connected to a FortiSwitch S148F port using a 10G DAC cable.
1149256	The managed-switch configuration is not synchronized on the secondary FortiGate device.
1165703	NAC policy matching fails for devices that have multiple MAC addresses in the same user-device-store entry.
1170323	Interfaces cannot be enabled as FortiLink interfaces on FortiGate devices with hardware revision 2.
1181893, 1192959	There are some display issues in the <i>Topology</i> view of the <i>WiFi &amp; Switch Controller &gt; Managed FortiSwitches</i> page, such as missing connections between devices and a duplicated FortiLink interface.
1183725	An outage occurs when modifying the LLDP profile on multiple ports including FortiLink trunk ports. <b>Workaround:</b> Do not change the LLDP profile on FortiLink ports when selecting multiple ports.
1192643	When there is an MCLAG topology that uses FortiGate devices in HA mode, the tier-1 MCLAG switches are displayed without links in the FortiOS GUI, but the CLI reported that the links were up.
1198110	FortiSwitch disconnection observed when adding a managed switch.
1199648	Traffic is interrupted when an interface is shut down in a dual inter-crossed connection with a hardware switch. <b>Workaround:</b> Disable offloading in the firewall policy (with the <code>set auto-asic-offload disable</code> command).
1208846	Authentication issues occur when upgrading the FortiGate device due to a RADIUS auth-type mismatch.
1216633	The switch name cannot be changed when the name contains one or more spaces. <b>Workaround:</b> Back up the configuration file from a FortiGate device running FortiOS 7.6.4, manually change the FortiSwitch name in the configuration file, and then restore the configuration back onto the FortiGate device.

# Known issues

The following known issues have been identified with FortiOS 7.6.5. For inquiries about a particular bug or to report a bug, please contact [Fortinet Customer Service & Support](#).

Bug ID	Description
298348, 298994	Enabling the <code>hw-switch-ether-filter</code> command on the FG-92D model (the default setting) causes FortiSwitch devices to not be discovered.
520954	When a “FortiLink mode over a layer-3 network” topology has been configured, the FortiGate GUI does not always display the complete network.
527695	<p>Starting in FortiOS 6.4.0, VLAN optimization is enabled by default (<code>set vlan-optimization enable</code> under <code>config switch-controller global</code>). On a network running FortiSwitchOS earlier than 6.0.0, this change results in a synchronization error, but the network still functions normally. If you have FortiSwitchOS 6.0.x, you can upgrade to remove the synchronization error or disable VLAN optimization.</p> <p>On a network with <code>set allowed-vlans-all enable</code> configured (under <code>config switch-controller vlan-policy</code>), the setting reverts to the default, which is disabled, when upgrading to FortiOS 6.4.0. If you want to maintain the <code>allowed-vlans-all</code> behavior, you can restore it after the upgrade.</p>
586801	NetBIOS stops working when proxy ARP is configured and the access VLAN is enabled because FortiGate units do not support NetBIOS proxy.
621785	<code>user.nac-policy[ ].switch-scope</code> might contain a data reference to <code>switch-controller.managed-switch</code> . When this reference is set by an admin, the admin needs to remove this reference before deleting the <code>managed-switch</code> .
789914	<ul style="list-style-type: none"> <li>When LAN segments are enabled on the FS-108E, FS-108E-POE, FS-108E-FPOE, FS-108F, FS-108F-POE, FS-108F-FPOE, FS-124E, FS-124E-POE, FS-124E-FPOE, FS-148E, FS-148E-POE, FS-148F, FS-148F-POE, FS-148F-FPOE, FS-124F, FS-124F-POE, and FS-124F-FPOE models, the internal VLAN (<code>set lan-internal-vlan</code>) is assigned automatically by default. If the same VLAN is configured on the FortiGate device, the configuration fails when it is pushed to the FortiSwitch unit without any warning message. <b>WORKAROUND:</b> Use a custom command.</li> <li>All sub-VLANs must belong to the same MSTP instance if the FortiLink configuration includes the FS-108E, FS-108E-POE, FS-108E-FPOE, FS-108F, FS-108F-POE, FS-108F-FPOE, FS-124E, FS-124E-POE, FS-124E-FPOE, FS-148E, FS-148E-POE, FS-148F, FS-148F-POE, FS-148F-FPOE, FS-124F, FS-124F-POE, and FS-124F-FPOE models.</li> </ul>
813216	After CAPWAP offload is enabled or disabled, FortiLink goes down.
814674	When upgrading a FortiAP or FortiSwitch unit that is connected to a downstream FortiGate device, a “Failed to retrieve upgrade progress” message appears.

Bug ID	Description
910962	<p>After setting values for <code>src-mac</code>, <code>dst-mac</code>, and <code>vlan</code> for the ACL classifier, you cannot use the <code>unset</code> command to remove these settings.</p> <p><b>WORKAROUND:</b></p> <ol style="list-style-type: none"><li>1. Remove <code>set acl-group &lt;ACL_group_name&gt;</code> from under the <code>config switch-controller managed-switch</code> command.</li><li>2. Delete the ACL group.</li><li>3. Delete the ACL.</li><li>4. Reconfigure the ACL.</li></ol>
940248	<p>When both network device detection (<code>config switch network-monitor settings</code>) and the switch controller routing offload are enabled, the FS-1048E switch generates duplicate packets.</p>
1113304	<p>After the FortiGate device is upgraded from FortiOS 7.6.0 to 7.6.1 or higher when the LLDP configuration is set to <code>vdom</code> or <code>disabled</code> under the FortiLink interface, the FortiSwitch units are offline.</p> <p><b>WORKAROUND:</b></p> <p>Enable the <code>lldp-reception</code> and <code>lldp-transmission</code> LLDP configurations under the FortiLink interface or rebuild the FortiLink interface.</p> <p>For example:</p> <pre>config system global   set lldp-reception enable   set lldp-transmission enable end</pre>



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