

Release Notes

IPS Engine 7.4



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IPS Engine 7.4 Release Notes

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Change log

Date	Change description
2026-01-26	Initial release.

Introduction

This document provides the following information for the Fortinet IPS Engine 7.4 build 596 (7.0596).

- [Product integration and support on page 6](#)
- [Resolved issues on page 7](#)

IPS Engine 7.4 build 596 is a built-in release for FortiOS 7.4.10. It is not a release to FortiGuard for FortiOS 7.4.

For additional FortiOS documentation, see the [Fortinet Document Library](#).

Product integration and support

The following table lists IPS Engine product integration and support information:

FortiOS	7.4.10
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Resolved issues

The resolved issues listed do not list every bug that has been corrected with this release. For inquiries about a particular bug, contact [Customer Service & Support](#).

Bug ID	Description
1077638, 1129130	In NGFW Policy Mode, FortiGate may incorrectly block packets from established TCP sessions if no matching IPS session exists.
1091118, 1096297, 1170304	Oversized packets exceeding the MTU cause delayed ACKs, leading to unintended behavior.
1094870	FTPS data connections fail to establish when using flow mode firewall policies configured for FTP service.
1144684	High CPU usage occurs when processing multiple RTSP streams due to inefficient resource management by the RTSP decoder.
1152384	CPU usage issue caused by the heuristic identifying and storing more chunk sizes than anticipated under certain conditions.
1162794	Unintended behavior occurs in the IPS Engine caused by the SCADA dissector.
1178184	SSL errors occur when accessing a specific website due to an unexpected record type when Web Filtering and DPI are enabled in Flow mode.
1181573	SSL inspection does not correctly add the Authority Key Identifier (AKID) when operating in Flow mode with DPI enabled.
1182461	High memory usage may occur if many slow connections are opened for FlowAV scanning.
1191598	CPU usage issue associated with the hashing function and stream map size under certain traffic patterns.
1193876	Memory usage may occur when HTTP/2 streams that move to the closed list are not cleared promptly, leading to unintended memory consumption.
1197659	An error condition in IPS engine occurs when processing HTTP traffic.
1205692	FTP traffic not working with SOCKS4 or SOCKS5 proxy when IPS/App-Ctrl UTM is enabled with either Certificate Inspection or SSL Deep Inspection.
1210836	Erroneous memory allocation observed in the IPS engine caused by unnecessary heap allocations.
1217478	Missing IEC 60870-5-104 Application Control Log Events on FG-121G
1218520	BFD flaps occur due to an error condition in the IPS engine caused by QUIC traffic.



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