



# CVE-2025-53844

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#) 

## Summary

<b>CVE</b>	CVE-2025-53844
<b>State</b>	PUBLISHED
<b>Assigner</b>	fortinet
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-05-12 18:16:35 UTC
<b>Updated</b>	2026-05-12 18:57:02 UTC
<b>Description</b>	A out-of-bounds write vulnerability in Fortinet FortiOS 7.6.0 through 7.6.3, FortiOS 7.4.0 through 7.4.8, FortiOS 7.2.0 through

## Risk And Classification

**Primary CVSS:** v3.1 8.8 HIGH from psirt@fortinet.com

**CVSS:** 3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

**Problem Types:** CWE-787 | CWE-787 Execute unauthorized code or commands

Version	Source	Type	Score	Severity	Vector
3.1	psirt@fortinet.com	Secondary	8.8	HIGH	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	CVSS	8.3	HIGH	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H/E:P/RL:O/RC:C

## CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Fortinet	FortiOS	affected 7.6.0 7.6.3 semver	Not specified
CNA	Fortinet	FortiOS	affected 7.4.0 7.4.8 semver	Not specified
CNA	Fortinet	FortiOS	affected 7.2.0 7.2.11 semver	Not specified
CNA	Fortinet	FortiOS	affected 7.0.0 7.0.17 semver	Not specified
CNA	Fortinet	FortiOS	affected 6.4.0 6.4.16 semver	Not specified
CNA	Fortinet	FortiOS	affected 6.2.0 6.2.17 semver	Not specified
CNA	Fortinet	FortiOS	affected 6.0.0 6.0.18 semver	Not specified

### References

Reference	Source	Link	Tags
fortiguard.fortinet.com/psirt/FG-IR-26-123	psirt@fortinet.com	<a href="https://fortiguard.fortinet.com">fortiguard.fortinet.com</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

### Additional Advisory Data

#### Solutions

**CNA:** Upgrade to FortiOS version 7.6.4 or above Upgrade to FortiOS version 7.4.9 or above Upgrade to FortiOS version 7.2.12 or above Upgrade to FortiOS version 7.0.18 or above Fortinet remediated this issue in FortiSASE version 25.3.a and hence customers do not need to perform any action. Upgrade to FortiSwitchManager version 7.2.7 or above Upgrade to FortiSwitchManager version 7.0.6 or above Fortinet remediated this issue in FortiEdgeCloud version 25.3 and hence customers do not need to perform any action.

There are currently no legacy QID mappings associated with this CVE.

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