



netfilter: nf_tables: prevent nf_skb_duplicated corruption

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

Summary

CVE	CVE-2024-49952
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2024-10-21 18:15:16 UTC
Updated	2026-05-12 12:17:18 UTC

Description In the Linux kernel, the following vulnerability has been resolved: netfilter: nf_tables: prevent nf_skb_duplicated corruption s

Risk And Classification

Primary CVSS: v3.1 5.5 MEDIUM from nvd@nist.gov

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

Problem Types: NVD-CWE-noinfo

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected d877f07112f1e5a247c6b585c971a93895c9f
CNA	Linux	Linux	affected d877f07112f1e5a247c6b585c971a93895c9f
CNA	Linux	Linux	affected d877f07112f1e5a247c6b585c971a93895c9f
CNA	Linux	Linux	affected d877f07112f1e5a247c6b585c971a93895c9f
CNA	Linux	Linux	affected d877f07112f1e5a247c6b585c971a93895c9f
CNA	Linux	Linux	affected d877f07112f1e5a247c6b585c971a93895c9f
CNA	Linux	Linux	affected d877f07112f1e5a247c6b585c971a93895c9f
CNA	Linux	Linux	affected d877f07112f1e5a247c6b585c971a93895c9f
CNA	Linux	Linux	affected d877f07112f1e5a247c6b585c971a93895c9f
CNA	Linux	Linux	affected d877f07112f1e5a247c6b585c971a93895c9f
CNA	Linux	Linux	affected 4.3
CNA	Linux	Linux	unaffected 4.3 semver
CNA	Linux	Linux	unaffected 4.19.323 4.19.* semver
CNA	Linux	Linux	unaffected 5.4.285 5.4.* semver
CNA	Linux	Linux	unaffected 5.10.227 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.168 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.113 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.55 6.6.* semver
CNA	Linux	Linux	unaffected 6.10.14 6.10.* semver
CNA	Linux	Linux	unaffected 6.11.3 6.11.* semver
CNA	Linux	Linux	unaffected 6.12 * original_commit_for_fix
ADP	Siemens	RUGGEDCOM RST2428P	affected V3.2 custom
ADP	Siemens	SCALANCE XC-300/XR-300/XC-400/XR-500WG/XR-500 Family	affected V3.2 custom
ADP	Siemens	SCALANCE XCM-/XRM-/XCH-/XRH-300 Family	affected V3.2 custom
ADP	Siemens	SIMATIC S7-1500 TM MFP - GNU/Linux Subsystem	affected * custom
ADP	Siemens	SIMATIC S7-1500 CPU 1518-4 PN/DP MFP	affected V3.1.0 V3.1.5 custom
ADP	Siemens	SIMATIC S7-1500 CPU 1518-4 PN/DP MFP	affected V3.1.0 V3.1.5 custom
ADP	Siemens	SIMATIC S7-1500 CPU 1518F-4 PN/DP MFP	affected V3.1.0 V3.1.5 custom
ADP	Siemens	SIMATIC S7-1500 CPU 1518F-4 PN/DP MFP	affected V3.1.0 V3.1.5 custom
ADP	Siemens	SIPLUS S7-1500 CPU 1518-4 PN/DP MFP	affected V3.1.0 V3.1.5 custom

References		
Reference	Source	Link
cert-portal.siemens.com/productcert/html/ssa-398330.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-portal.siemens.co
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git.kernel.org/stable/c/c0add6ed2cf1c4733cd489efc61faeccd3433b41	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
cert-portal.siemens.com/productcert/html/ssa-355557.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-portal.siemens.co
git.kernel.org/stable/c/752e1924604254f1708f3e3700283a86ebdd325d	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
lists.debian.org/debian-lts-announce/2025/01/msg00001.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
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git.kernel.org/stable/c/531754952f5dfc4b141523088147071d6e6112c4	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/50067d8b3f48e4cd4c9e817d3e9a5b5ff3507ca7	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

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

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