



net/ipv6: avoid possible UAF in ip6_route_mpath_notify()

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

Summary

CVE	CVE-2024-26852
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2024-04-17 11:15:08 UTC
Updated	2026-05-12 12:16:21 UTC

Description In the Linux kernel, the following vulnerability has been resolved: net/ipv6: avoid possible UAF in ip6_route_mpath_notify() s

Risk And Classification

Primary CVSS: v3.1 7.8 HIGH from ADP

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

Problem Types: CWE-416 | CWE-416 CWE-416 Use After Free

Version	Source	Type	Score	Severity	Vector
3.1	ADP	DECLARED	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/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 3b1137fe74829e021f483756a648cbb87c8a1b4a 31ea5f
CNA	Linux	Linux	affected 3b1137fe74829e021f483756a648cbb87c8a1b4a 664f9c
CNA	Linux	Linux	affected 3b1137fe74829e021f483756a648cbb87c8a1b4a 79ce2e
CNA	Linux	Linux	affected 3b1137fe74829e021f483756a648cbb87c8a1b4a cae330
CNA	Linux	Linux	affected 3b1137fe74829e021f483756a648cbb87c8a1b4a 394334
CNA	Linux	Linux	affected 3b1137fe74829e021f483756a648cbb87c8a1b4a ed8830
CNA	Linux	Linux	affected 3b1137fe74829e021f483756a648cbb87c8a1b4a 61b34f
CNA	Linux	Linux	affected 3b1137fe74829e021f483756a648cbb87c8a1b4a 685f7d
CNA	Linux	Linux	affected 4.11
CNA	Linux	Linux	unaffected 4.11 semver
CNA	Linux	Linux	unaffected 4.19.310 4.19.* semver
CNA	Linux	Linux	unaffected 5.4.272 5.4.* semver
CNA	Linux	Linux	unaffected 5.10.213 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.152 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.82 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.22 6.6.* semver
CNA	Linux	Linux	unaffected 6.7.10 6.7.* semver
CNA	Linux	Linux	unaffected 6.8 * original_commit_for_fix
ADP	Linux	Linux Kernel	affected 3b1137fe7482 31ea5bcc7d4c custom
ADP	Linux	Linux Kernel	affected 3b1137fe7482 664f9c647260 custom
ADP	Linux	Linux Kernel	affected 3b1137fe7482 79ce2e54cc0a custom
ADP	Linux	Linux Kernel	affected 3b1137fe7482 cae330325795 custom
ADP	Linux	Linux Kernel	affected 3b1137fe7482 394334fe2ae3 custom
ADP	Linux	Linux Kernel	affected 3b1137fe7482 ed883060c387 custom
ADP	Linux	Linux Kernel	affected 3b1137fe7482 61b34f73cddb custom

ADP	Linux	Linux Kernel	affected 3b1137fe7482 685f7d531264 custom
ADP	Linux	Linux Kernel	affected 4.11
ADP	Linux	Linux Kernel	unaffected 4.11 custom
ADP	Linux	Linux Kernel	unaffected 4.19.310 4.20 custom
ADP	Linux	Linux Kernel	unaffected 5.4.272 5.5 custom
ADP	Linux	Linux Kernel	unaffected 5.10.213 5.11 custom
ADP	Linux	Linux Kernel	unaffected 5.15.152 5.16 custom
ADP	Linux	Linux Kernel	unaffected 6.1.82 6.2 custom
ADP	Linux	Linux Kernel	unaffected 6.6.22 6.7 custom
ADP	Linux	Linux Kernel	unaffected 6.7.10 6.8 custom
ADP	Linux	Linux Kernel	unaffected 6.8 * custom
ADP	Siemens	SIMATIC S7-1500 TM MFP - GNU/Linux Subsystem	affected * custom

References

Reference	Source	Link
git.kernel.org/stable/c/31ea5bcc7d4cd1423de6be327a2c034725704136	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
lists.debian.org/debian-lts-announce/2024/06/msg00017.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
git.kernel.org/stable/c/79ce2e54cc0ae366f45516c00bf1b19aa43e9abe	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
cert-portal.siemens.com/productcert/html/ssa-265688.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-portal.siemens.com
git.kernel.org/stable/c/61b34f73cdbdb8eaf9ea12e9e2eb3b29716c4dda	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/ed883060c38721ed828061f6c0c30e5147326c9a	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/394334fe2ae3b9f1e2332b873857e84cb28aac18	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/cae3303257950d03ffec2df4a45e836f10d26c24	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
lists.debian.org/debian-lts-announce/2024/06/msg00020.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
git.kernel.org/stable/c/685f7d531264599b3f167f1e94bbd22f120e5fab	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/664f9c647260cc9d68b4e31d9899530d89dd045e	af854a3a-2127-422b-91ae-364da2661108	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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