ipv6: Fix infinite recursion in fib6_dump_done().

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2024-35886
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2024-05-19 09:15:09 UTC
Updated	2026-05-12 12:16:38 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: ipv6: Fix infinite recursion in fib6_dump_done(). syzkaller

Risk And Classification

Primary CVSS: v3.1 7.8 HIGH from nvd@nist.gov

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

Problem Types: CWE-674 | CWE-787

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 1da177e4c3f41524e886b7f1b8a0c1fc7321cac2 9472d0
CNA	Linux	Linux	affected 1da177e4c3f41524e886b7f1b8a0c1fc7321cac2 9c5258
CNA	Linux	Linux	affected 1da177e4c3f41524e886b7f1b8a0c1fc7321cac2 fd307f2
CNA	Linux	Linux	affected 1da177e4c3f41524e886b7f1b8a0c1fc7321cac2 40a344
CNA	Linux	Linux	affected 1da177e4c3f41524e886b7f1b8a0c1fc7321cac2 167d4b
CNA	Linux	Linux	affected 1da177e4c3f41524e886b7f1b8a0c1fc7321cac2 f2dd75e
CNA	Linux	Linux	affected 1da177e4c3f41524e886b7f1b8a0c1fc7321cac2 4a7c46
CNA	Linux	Linux	affected 1da177e4c3f41524e886b7f1b8a0c1fc7321cac2 d21d40
CNA	Linux	Linux	affected 2.6.12
CNA	Linux	Linux	unaffected 2.6.12 semver
CNA	Linux	Linux	unaffected 4.19.312 4.19.* semver
CNA	Linux	Linux	unaffected 5.4.274 5.4.* semver
CNA	Linux	Linux	unaffected 5.10.215 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.154 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.85 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.26 6.6.* semver
CNA	Linux	Linux	unaffected 6.8.5 6.8.* semver
CNA	Linux	Linux	unaffected 6.9 * original_commit_for_fix
ADP	Siemens	SIMATIC S7-1500 TM MFP - GNU/Linux Subsystem	affected * custom

References

Reference	Source	Link
git.kernel.org/stable/c/d21d40605bca7bd5fc23ef03d4c1ca1f48bc2cae	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/f2dd75e57285f49e34af1a5b6cd8945c08243776	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/9472d07cd095cbd3294ac54c42f304a38fbe9bfe	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.co
git.kernel.org/stable/c/40a344b2ddc06c1a2caa7208a43911f39c662778	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/167d4b47a9bdcb01541dfa29e9f3cbb8edd3dfd2	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/9c5258196182c25b55c33167cd72fdd9bbf08985	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org

git.kernel.org/stable/c/4a7c465a5dcd657d59d25bf4815e19ac05c13061	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/fd307f2d91d40fa7bc55df3e2cd1253fabf8a2d6	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
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.