ipv6: fib6_rules: avoid possible NULL dereference in fib6_rule_action()

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

Summary

CVE	CVE-2024-36902
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2024-05-30 16:15:13 UTC
Updated	2026-05-12 12:16:49 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: ipv6: fib6_rules: avoid possible NULL dereference in fib6_

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: CWE-476

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 5e5f3f0f801321078c897a5de0b4b4304f234(
CNA	Linux	Linux	affected 5e5f3f0f801321078c897a5de0b4b4304f234(
CNA	Linux	Linux	affected 5e5f3f0f801321078c897a5de0b4b4304f234(
CNA	Linux	Linux	affected 5e5f3f0f801321078c897a5de0b4b4304f234(
CNA	Linux	Linux	affected 5e5f3f0f801321078c897a5de0b4b4304f234(
CNA	Linux	Linux	affected 5e5f3f0f801321078c897a5de0b4b4304f234(
CNA	Linux	Linux	affected 5e5f3f0f801321078c897a5de0b4b4304f234(
CNA	Linux	Linux	affected 5e5f3f0f801321078c897a5de0b4b4304f234(
CNA	Linux	Linux	affected 2.6.26
CNA	Linux	Linux	unaffected 2.6.26 semver
CNA	Linux	Linux	unaffected 4.19.314 4.19.* semver
CNA	Linux	Linux	unaffected 5.4.276 5.4.* semver
CNA	Linux	Linux	unaffected 5.10.217 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.159 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.91 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.31 6.6.* semver
CNA	Linux	Linux	unaffected 6.8.10 6.8.* semver
CNA	Linux	Linux	unaffected 6.9 * original_commit_for_fix
ADP	Siemens	RUGGEDCOM RST2428P	affected V3.1 custom
ADP	Siemens	SCALANCE XC-300/XR-300/XC-400/XR-500WG/XR-500 Family	unaffected * custom
ADP	Siemens	SCALANCE XCM-/XRM-/XCH-/XRH-300 Family	affected V3.1 custom
ADP	Siemens	SIMATIC S7-1500 TM MFP - GNU/Linux Subsystem	affected * custom

References

Reference	Source	Link
git.kernel.org/stable/c/35297fc68de36826087e976f86a5b1f94fd0bf95	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/8745a8d74ba17dafe72b6ab461fa6c007d879747	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/d101291b2681e5ab938554e3e323f7a7ee33e3aa	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.cc

security.netapp.com/advisory/ntap-20240926-0002	af854a3a-2127-422b-91ae-364da2661108	security.netapp.com
git.kernel.org/stable/c/7e3242c139c38e60844638e394c2877b16b396b0	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/4a5a573387da6a6b23a4cc62147453ff1bc32afa	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
lists.debian.org/debian-lts-announce/2024/06/msg00019.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
cert-portal.siemens.com/productcert/html/ssa-613116.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-portal.siemens.cc
git.kernel.org/stable/c/1876881c9a49613b5249fb400cbf53412d90cb09	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/674c951ab8a23f7aff9b4c3f2f865901bc76a290	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/ddec23f206a944c73bcc2724358b85388837daff	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.