



netrom: fix possible dead-lock in nr_rt_ioctl()

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

CVE	CVE-2024-38589
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2024-06-19 14:15:19 UTC
Updated	2026-05-12 12:16:54 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: netrom: fix possible dead-lock in nr_rt_ioctl() syzbot loves

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-667

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 1da177e4c3f41524e886b7f1b8a0c1fc7321c
CNA	Linux	Linux	affected 1da177e4c3f41524e886b7f1b8a0c1fc7321c
CNA	Linux	Linux	affected 1da177e4c3f41524e886b7f1b8a0c1fc7321c
CNA	Linux	Linux	affected 1da177e4c3f41524e886b7f1b8a0c1fc7321c
CNA	Linux	Linux	affected 1da177e4c3f41524e886b7f1b8a0c1fc7321c
CNA	Linux	Linux	affected 1da177e4c3f41524e886b7f1b8a0c1fc7321c
CNA	Linux	Linux	affected 1da177e4c3f41524e886b7f1b8a0c1fc7321c
CNA	Linux	Linux	affected 1da177e4c3f41524e886b7f1b8a0c1fc7321c
CNA	Linux	Linux	affected 1da177e4c3f41524e886b7f1b8a0c1fc7321c
CNA	Linux	Linux	affected 2.6.12
CNA	Linux	Linux	unaffected 2.6.12 semver
CNA	Linux	Linux	unaffected 4.19.316 4.19.* semver
CNA	Linux	Linux	unaffected 5.4.278 5.4.* semver
CNA	Linux	Linux	unaffected 5.10.219 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.161 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.93 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.33 6.6.* semver
CNA	Linux	Linux	unaffected 6.8.12 6.8.* semver
CNA	Linux	Linux	unaffected 6.9.3 6.9.* semver
CNA	Linux	Linux	unaffected 6.10 * 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/5bc50a705cfac8f64ce51c95611c3dd0554ef9c3	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/b117e5b4f27c2c9076561b6be450a9619f0b79de	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
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cert-portal.siemens.com/productcert/html/ssa-613116.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-portal.siemens.com
git.kernel.org/stable/c/421c50fa81836775bf0fd6ce0e57a6eb27af24d5	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/3db2fc45d1d2a6457f06ebdfd45b9820e5b5c2b7	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.

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