



netrom: Fix a memory leak in nr_heartbeat_expiry()

[MITRE](#)

[NVD](#)

[CVE.ORG](#)

[JSON API](#)

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Summary

CVE	CVE-2024-41006
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2024-07-12 13:15:21 UTC
Updated	2026-05-12 12:17:02 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: netrom: Fix a memory leak in nr_heartbeat_expiry() syzbo

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-401

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

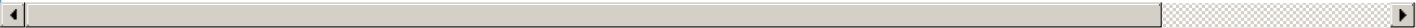
Availability

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 a31caf5779ace8fa98b0d454133808e082ee7			
CNA	Linux	Linux	affected fe9b9e621cebe6b7e83f7e954c70f8bb43052			
CNA	Linux	Linux	affected 7de16d75b20ab13b75a7291f449a1b00090e			
CNA	Linux	Linux	affected d2d3ab1b1de3302de2c85769121fd4f890e47			
CNA	Linux	Linux	affected 51e394c6f81adbfe7c34d15f58b3d4d44f144e			
CNA	Linux	Linux	affected 409db27e3a2eb5e8ef7226ca33be33361b3e			
CNA	Linux	Linux	affected 409db27e3a2eb5e8ef7226ca33be33361b3e			
CNA	Linux	Linux	affected 409db27e3a2eb5e8ef7226ca33be33361b3e			
CNA	Linux	Linux	affected e666990abb2e42dd4ba979b4706280a3664c			
CNA	Linux	Linux	affected 6.2			
CNA	Linux	Linux	unaffected 6.2 semver			
CNA	Linux	Linux	unaffected 4.19.317 4.19.* semver			
CNA	Linux	Linux	unaffected 5.4.279 5.4.* semver			
CNA	Linux	Linux	unaffected 5.10.221 5.10.* semver			
CNA	Linux	Linux	unaffected 5.15.162 5.15.* semver			
CNA	Linux	Linux	unaffected 6.1.96 6.1.* semver			
CNA	Linux	Linux	unaffected 6.6.36 6.6.* semver			
CNA	Linux	Linux	unaffected 6.9.7 6.9.* semver			
CNA	Linux	Linux	unaffected 6.10 * original_commit_for_fix			
ADP	Siemens	RUGGEDCOM RST2428P	affected V3.1 custom			
ADP	Siemens	RUGGEDCOM RST2428P	unaffected * custom			
ADP	Siemens	SCALANCE XC-300/XR-300/XC-400/XR-500WG/XR-500 Family	unaffected * 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	SCALANCE XCM-/XRM-/XCH-/XRH-300 Family	unaffected * custom			
ADP	Siemens	SIMATIC S7-1500 TM MFP - GNU/Linux Subsystem	affected * custom			
References						
Reference	Source		Link			
git.kernel.org/stable/c/5391f9db2cab5ef1cb411be1ab7dbec728078fba	af854a3a-2127-422b-91ae-364da2661108		git.kernel.org			

git.kernel.org/stable/c/0b9130247f3b6a1122478471ff0e014ea96bb735	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/e07a9c2a850cdeb625e7a1b8171bd23a8554313	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/a02fd5d775cf9787ee7698c797e20f2fa13d2e2b	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/d377f5a28332954b19e373d36823e59830ab1712	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
cert-portal.siemens.com/productcert/html/ssa-613116.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-portal.siemens.co
git.kernel.org/stable/c/280cf1173726a7059b628c610c71050d5c0b6937	af854a3a-2127-422b-91ae-364da2661108	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/b6ebe4fed73eedeb73f4540f8edc4871945474c8	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
lists.debian.org/debian-lts-announce/2025/01/msg00001.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
git.kernel.org/stable/c/d616876256b38ecf9a1a1c7d674192c5346bc69c	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.