sctp: sysctl: cookie_hmac_alg: avoid using current->nsproxy

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

Summary

CVE	CVE-2025-21640
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-01-19 11:15:09 UTC
Updated	2026-05-12 13:16:30 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: sctp: sysctl: cookie_hmac_alg: avoid using current->nspro

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 3c68198e75111a905ac2412be12bf7b29099729b 5599b
CNA	Linux	Linux	affected 3c68198e75111a905ac2412be12bf7b29099729b 03ca5
CNA	Linux	Linux	affected 3c68198e75111a905ac2412be12bf7b29099729b 86ddf
CNA	Linux	Linux	affected 3c68198e75111a905ac2412be12bf7b29099729b 3cd06
CNA	Linux	Linux	affected 3c68198e75111a905ac2412be12bf7b29099729b ad673
CNA	Linux	Linux	affected 3c68198e75111a905ac2412be12bf7b29099729b f0bb3
CNA	Linux	Linux	affected 3c68198e75111a905ac2412be12bf7b29099729b ea62d
CNA	Linux	Linux	affected 3.8
CNA	Linux	Linux	unaffected 3.8 semver
CNA	Linux	Linux	unaffected 5.4.292 5.4.* semver
CNA	Linux	Linux	unaffected 5.10.234 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.177 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.125 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.72 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.10 6.12.* semver
CNA	Linux	Linux	unaffected 6.13 * 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/ea62dd1383913b5999f3d16ae99d411f41b528d4	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/f0bb3935470684306e4e04793a20ac4c4b08de0b	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
lists.debian.org/debian-lts-announce/2025/03/msg00002.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
cert-portal.siemens.com/productcert/html/ssa-265688.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-portal.siemens.co
git.kernel.org/stable/c/86ddf8118123cb58a0fb8724cad6979c4069065b	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/3cd0659deb9c03535fd61839e91d4d4d3e51ac71	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/5599b212d2f4466e1832a94e9932684aaa364587	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
lists.debian.org/debian-lts-announce/2025/03/msg00001.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
git.kernel.org/stable/c/03ca51faba2b017bf6c90e139434c4117d0afcdc	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org

git.kernel.org/stable/c/ad673e514b2793b8d5902f6ba6ab7e890dea23d5	416baaa9-dc9f-4396-8d5f-8c081fb06d67	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.