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

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

Summary

CVE	CVE-2025-21638
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 13:16:29 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: sctp: sysctl: auth_enable: avoid using current->nsproxy As

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 b14878ccb7fac0242db82720b784ab62c467c0dc cf387c
CNA	Linux	Linux	affected b14878ccb7fac0242db82720b784ab62c467c0dc dc583e
CNA	Linux	Linux	affected b14878ccb7fac0242db82720b784ab62c467c0dc bd2a2
CNA	Linux	Linux	affected b14878ccb7fac0242db82720b784ab62c467c0dc 1b670
CNA	Linux	Linux	affected b14878ccb7fac0242db82720b784ab62c467c0dc 7ec30
CNA	Linux	Linux	affected b14878ccb7fac0242db82720b784ab62c467c0dc c184b
CNA	Linux	Linux	affected b14878ccb7fac0242db82720b784ab62c467c0dc 15649
CNA	Linux	Linux	affected e5eae4a0511241959498b180fa0df0d4f1b11b9c git
CNA	Linux	Linux	affected 88830f227a1f96e44d82ddfcb0cc81d517ec6dd8 git
CNA	Linux	Linux	affected 3938b0336a93fa5faa242dc9e5823ac69df9e066 git
CNA	Linux	Linux	affected 3.15
CNA	Linux	Linux	unaffected 3.15 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/1b67030d39f2b00f94ac1f0af11ba6657589e4d3	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
git.kernel.org/stable/c/c184bc621e3cef03ac9ba81a50dda2dae6a21d36	416baaa9-dc9f-4396-8d5f-8c081fb06d67	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/15649fd5415eda664ef35780c2013adeb5d9c695	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/bd2a2939423566c654545fa3e96a656662a0af9e	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/cf387cdebfaebae228dfba162f94c567a67610c3	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/7ec30c54f339c640aa7e49d7e9f7bbed6bd42bf6	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/dc583e7e5f8515ca489c0df28e4362a70eade382	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.