



ARM: tegra: Use I/O memcpy to write to IRAM

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

CVE	CVE-2025-39794
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-09-12 16:15:33 UTC
Updated	2026-05-12 13:17:11 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: ARM: tegra: Use I/O memcpy to write to IRAM Kasan cras

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: NVD-CWE-noinfo

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 b36ab9754efbd7429d214b3b03dc9843882571bd b28c1a14acc79ead1e87bbdae53309d
CNA	Linux	Linux	affected b36ab9754efbd7429d214b3b03dc9843882571bd 75a3bdfeed2f129a2c7d9fd7779382b78e
CNA	Linux	Linux	affected b36ab9754efbd7429d214b3b03dc9843882571bd 2499b0ac908eefbb8a217aae609b7a5bf
CNA	Linux	Linux	affected b36ab9754efbd7429d214b3b03dc9843882571bd 387435f4833f97aabfd74434ee526e31e8
CNA	Linux	Linux	affected b36ab9754efbd7429d214b3b03dc9843882571bd 46b3a7a3a36d5833f14914d1b95c69d2f
CNA	Linux	Linux	affected b36ab9754efbd7429d214b3b03dc9843882571bd 9b0b3b5e5cae95e09bf0ae4a9bcb58d9f
CNA	Linux	Linux	affected b36ab9754efbd7429d214b3b03dc9843882571bd 96d6605bf0561d6e568b1dd9265a0f73b
CNA	Linux	Linux	affected b36ab9754efbd7429d214b3b03dc9843882571bd 30ef45b89a5961cdecf907ecff1ef3374d1
CNA	Linux	Linux	affected b36ab9754efbd7429d214b3b03dc9843882571bd 398e67e0f5ae04b29bcc9cbf342e339fe9
CNA	Linux	Linux	affected 3.4
CNA	Linux	Linux	unaffected 3.4 semver
CNA	Linux	Linux	unaffected 5.4.297 5.4.* semver
CNA	Linux	Linux	unaffected 5.10.241 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.190 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.149 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.103 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.43 6.12.* semver
CNA	Linux	Linux	unaffected 6.15.11 6.15.* semver
CNA	Linux	Linux	unaffected 6.16.2 6.16.* semver
CNA	Linux	Linux	unaffected 6.17 * original_commit_for_fix
ADP	Siemens	SIMATIC CN 4100	affected V5.0 custom

References

Reference	Source	Link
lists.debian.org/debian-lts-announce/2025/10/msg00008.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
git.kernel.org/stable/c/398e67e0f5ae04b29bcc9cbf342e339fe9d3f6f1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/30ef45b89a5961cdecf907ecff1ef3374d1de510	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/387435f4833f97aabfd74434ee526e31e8a626ea	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
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cert-portal.siemens.com/productcert/html/ssa-032379.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-portal.siemens.com
git.kernel.org/stable/c/46b3a7a3a36d5833f14914d1b95c69d28c6a76d6	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/75a3bdfeed2f129a2c7d9fd7779382b78e35b014	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
lists.debian.org/debian-lts-announce/2025/10/msg00007.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
git.kernel.org/stable/c/2499b0ac908eefbb8a217aae609b7a5b5174f330	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.

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