



tpm: Change to kcalloc() in eventlog/acpi.c

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

Summary

CVE	CVE-2024-58005
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-02-27 03:15:11 UTC
Updated	2026-05-12 13:16:25 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: tpm: Change to kcalloc() in eventlog/acpi.c The following f

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 55a82ab3181be039c6440d3f2f69260ad6fe2988 a676c0
CNA	Linux	Linux	affected 55a82ab3181be039c6440d3f2f69260ad6fe2988 0621d2
CNA	Linux	Linux	affected 55a82ab3181be039c6440d3f2f69260ad6fe2988 77779d
CNA	Linux	Linux	affected 55a82ab3181be039c6440d3f2f69260ad6fe2988 50365a
CNA	Linux	Linux	affected 55a82ab3181be039c6440d3f2f69260ad6fe2988 422d7f
CNA	Linux	Linux	affected 55a82ab3181be039c6440d3f2f69260ad6fe2988 4c8bfe
CNA	Linux	Linux	affected 55a82ab3181be039c6440d3f2f69260ad6fe2988 a3a860
CNA	Linux	Linux	affected 2.6.16
CNA	Linux	Linux	unaffected 2.6.16 semver
CNA	Linux	Linux	unaffected 5.10.235 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.179 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.130 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.78 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.14 6.12.* semver
CNA	Linux	Linux	unaffected 6.13.3 6.13.* semver
CNA	Linux	Linux	unaffected 6.14 * original_commit_for_fix
ADP	Siemens	SIMATIC S7-1500 CPU 1518-4 PN/DP MFP	affected V3.1.5 * custom
ADP	Siemens	SIMATIC S7-1500 CPU 1518-4 PN/DP MFP	affected V3.1.5 * custom
ADP	Siemens	SIMATIC S7-1500 CPU 1518F-4 PN/DP MFP	affected V3.1.5 * custom
ADP	Siemens	SIMATIC S7-1500 CPU 1518F-4 PN/DP MFP	affected V3.1.5 * custom
ADP	Siemens	SIMATIC S7-1500 TM MFP - BIOS	affected * custom
ADP	Siemens	SIMATIC S7-1500 TM MFP - GNU/Linux Subsystem	affected * custom
ADP	Siemens	SIPLUS S7-1500 CPU 1518-4 PN/DP MFP	affected V3.1.5 * custom

References

Reference	Source	Link
lists.debian.org/debian-lts-announce/2025/05/msg00030.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
cert-portal.siemens.com/productcert/html/ssa-503939.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-portal.siemens.co
git.kernel.org/stable/c/a3a860bc0fd6c07332e4911cf9a238d20de90173	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
cert-portal.siemens.com/productcert/html/ssa-082556.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-portal.siemens.co

git.kernel.org/stable/c/422d7f4e8d817be467986589c7968d3ea402f7da	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/a676c0401de59548a5bc1b7aaf98f556ae8ea6db	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/77779d1258a287f2c5c2c6aeae203e0996209c77	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/4c8bfe643bbd00b04ee8f9545ef33bf6a68c38db	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/0621d2599d6e02d05c85d6bbd58eaea2f15b3503	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
lists.debian.org/debian-lts-announce/2025/05/msg00045.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
git.kernel.org/stable/c/50365a6304a57266e8f4d3078060743c3b7a1e0d	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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