



ipmi: ipmb: Add check devm_kasprintf() returned value

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

Summary

CVE	CVE-2024-58051
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-03-06 16:15:51 UTC
Updated	2026-05-12 13:16:26 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: ipmi: ipmb: Add check devm_kasprintf() returned value de

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 51bd6f291583684f495ea498984dfc22049d7fd2 1a8a17c
CNA	Linux	Linux	affected 51bd6f291583684f495ea498984dfc22049d7fd2 caac520
CNA	Linux	Linux	affected 51bd6f291583684f495ea498984dfc22049d7fd2 eb288a1
CNA	Linux	Linux	affected 51bd6f291583684f495ea498984dfc22049d7fd2 312a64
CNA	Linux	Linux	affected 51bd6f291583684f495ea498984dfc22049d7fd2 4c9caf8
CNA	Linux	Linux	affected 51bd6f291583684f495ea498984dfc22049d7fd2 e529fbc
CNA	Linux	Linux	affected 51bd6f291583684f495ea498984dfc22049d7fd2 a63284
CNA	Linux	Linux	affected 51bd6f291583684f495ea498984dfc22049d7fd2 2378bd
CNA	Linux	Linux	affected 5.3
CNA	Linux	Linux	unaffected 5.3 semver
CNA	Linux	Linux	unaffected 5.4.291 5.4.* 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 6.1.129 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.76 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.13 6.12.* semver
CNA	Linux	Linux	unaffected 6.13.2 6.13.* semver
CNA	Linux	Linux	unaffected 6.14 * original_commit_for_fix
ADP	Siemens	SIMATIC S7-1500 TM MFP - GNU/Linux Subsystem	affected * custom

References

Reference	Source	Link
lists.debian.org/debian-lts-announce/2025/05/msg00030.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
git.kernel.org/stable/c/4c9caf86d04dcb10e9fd8cd9db8eb79b5bfcc4d8	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/eb288ab33fd87579789cb331209ff09e988ff4f7	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.cc
git.kernel.org/stable/c/a63284d415d4d114abd8be6e66a9558f3ca0702d	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/312a6445036d692bc5665307eeafa4508c33c4b5	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/e529fbcf1f35f5fc3c839df7f06c3e3d02579715	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/2378bd0b264ad3a1f76bd957caf33ee0c7945351	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org

git.kernel.org/stable/c/1a8a17c5ce9cb5a82797602bff9819ac732d2ff5	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
lists.debian.org/debian-lts-announce/2025/03/msg00028.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
git.kernel.org/stable/c/caac520350546e736894d14e051b64a9edb3600c	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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