



i2c: s3c24xx: check the size of the SMBUS message before using it

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

Summary

CVE	CVE-2026-31627
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-24 15:16:42 UTC
Updated	2026-04-27 20:43:43 UTC

Description In the Linux kernel, the following vulnerability has been resolved: i2c: s3c24xx: check the size of the SMBUS message before using it

Risk And Classification

Primary CVSS: v3.1 7.8 HIGH from 416baaa9-dc9f-4396-8d5f-8c081fb06d67

CVSS: 3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

EPSS: 0.000180000 probability, percentile 0.048130000 (date 2026-04-27)

Problem Types: NVD-CWE-noinfo

Version	Source	Type	Score	Severity	Vector
3.1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	Secondary	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	DECLARED	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/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 85747311ecb6167c989093c64a13807366fdd3a9 fa00738ab30b07db1a43b9c85fc56b8cc3b7d197 git
CNA	Linux	Linux	affected 85747311ecb6167c989093c64a13807366fdd3a9 d87d5620125a03b1eadbd5df39748215d3db7ddb g
CNA	Linux	Linux	affected 85747311ecb6167c989093c64a13807366fdd3a9 377fae22a137b6b89f3f32399a58c52cf2325416 git
CNA	Linux	Linux	affected 85747311ecb6167c989093c64a13807366fdd3a9 71b3c316b22c555d2769126a92b1244b15a9750d c
CNA	Linux	Linux	affected 85747311ecb6167c989093c64a13807366fdd3a9 aaaaec39ddbcd06770dca7f1adebc3b1242ebe7b gi
CNA	Linux	Linux	affected 85747311ecb6167c989093c64a13807366fdd3a9 c0128c7157d639a931353ea344fb44aad6d6e17a g
CNA	Linux	Linux	affected 3.10
CNA	Linux	Linux	unaffected 3.10 semver
CNA	Linux	Linux	unaffected 6.6.136 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.83 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.24 6.18.* semver
CNA	Linux	Linux	unaffected 6.19.14 6.19.* semver
CNA	Linux	Linux	unaffected 7.0.1 7.0.* semver
CNA	Linux	Linux	unaffected 7.1-rc1 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/d87d5620125a03b1eadbd5df39748215d3db7ddb	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/71b3c316b22c555d2769126a92b1244b15a9750d	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/c0128c7157d639a931353ea344fb44aad6d6e17a	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/aaaec39ddbcd06770dca7f1adebc3b1242ebe7b	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/377fae22a137b6b89f3f32399a58c52cf2325416	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/fa00738ab30b07db1a43b9c85fc56b8cc3b7d197	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
CVE Program record	CVE.ORG	www.cve.org	canonic

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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