LoongArch: Fix missing NULL checks for kstrdup()

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

Summary

CVE	CVE-2026-31559
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-24 15:16:30 UTC
Updated	2026-04-27 20:13:21 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: LoongArch: Fix missing NULL checks for kstrdup() 1. Rep

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

EPSS: 0.000200000 probability, percentile 0.056500000 (date 2026-04-27)

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 facc69f43502c135c16b97d5ded7253f15597912 5e7fde2c551f86e6c3de3fd7a9b1f52806ac8db0 git
CNA	Linux	Linux	affected 70a2365e18affc5ebdaab1ca6a0b3c4f3aac2ee8 a1da957c25cf751a2dce8fb7777f82ccbac0cb3e git
CNA	Linux	Linux	affected 70a2365e18affc5ebdaab1ca6a0b3c4f3aac2ee8 b61a309743322fb57fb9afa9aa3495ac758e4f5e git
CNA	Linux	Linux	affected 70a2365e18affc5ebdaab1ca6a0b3c4f3aac2ee8 3a28daa9b7d7c2ddf2c722e9e95d7e0928bf0cd1 git
CNA	Linux	Linux	affected 620805dc674eab3055543496a7ef25beb9ffd2a8 git
CNA	Linux	Linux	affected 8dfeedf9eceadc1a2fc9066b4c5230690d1cad48 git
CNA	Linux	Linux	affected 6.17
CNA	Linux	Linux	unaffected 6.17 semver
CNA	Linux	Linux	unaffected 6.12.80 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.21 6.18.* semver
CNA	Linux	Linux	unaffected 6.19.11 6.19.* semver
CNA	Linux	Linux	unaffected 7.0 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/b61a309743322fb57fb9afa9aa3495ac758e4f5e	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/5e7fde2c551f86e6c3de3fd7a9b1f52806ac8db0	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/a1da957c25cf751a2dce8fb7777f82ccbac0cb3e	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/3a28daa9b7d7c2ddf2c722e9e95d7e0928bf0cd1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
CVE Program record	CVE.ORG	www.cve.org	canonica
NVD vulnerability detail	NVD	nvd.nist.gov	canonica

No vendor comments have been submitted for this CVE.

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

Free CVE JSON API cve.report/api

CVE.report and Source URL Uptime Status status.cve.report