LoongArch: Make cpumask_of_node() robust against NUMA_NO_NODE

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

Summary

CVE	CVE-2026-43212
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-06 12:16:40 UTC
Updated	2026-05-11 19:57:52 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: LoongArch: Make cpumask_of_node() robust against NUM

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: 0.000130000 probability, percentile 0.024500000 (date 2026-05-12)

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

ntegrity

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 d4b6f1562a3c3284adcef81d6e4f183d7d34b8a9 b5bf05e05cdf489a04137e4da407de9d4cca5295 git
CNA	Linux	Linux	affected d4b6f1562a3c3284adcef81d6e4f183d7d34b8a9 bb1a54f7f011f19ed936632698eae574e0b91063 git
CNA	Linux	Linux	affected d4b6f1562a3c3284adcef81d6e4f183d7d34b8a9 92adfb707beec0fe956424373654a70aad35ea13 git
CNA	Linux	Linux	affected d4b6f1562a3c3284adcef81d6e4f183d7d34b8a9 61a56df2fbaad3a4d00f0c6a904b5d1ee8982eb4 git
CNA	Linux	Linux	affected d4b6f1562a3c3284adcef81d6e4f183d7d34b8a9 1d8f2f024801019d85159a020b72a4424b46bcf4 git
CNA	Linux	Linux	affected d4b6f1562a3c3284adcef81d6e4f183d7d34b8a9 94b0c831eda778ae9e4f2164a8b3de485d8977bb git
CNA	Linux	Linux	affected 5.19
CNA	Linux	Linux	unaffected 5.19 semver
CNA	Linux	Linux	unaffected 6.1.165 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.128 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.75 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.16 6.18.* semver
CNA	Linux	Linux	unaffected 6.19.6 6.19.* semver
CNA	Linux	Linux	unaffected 7.0 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/bb1a54f7f011f19ed936632698eae574e0b91063	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/b5bf05e05cdf489a04137e4da407de9d4cca5295	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/61a56df2fbaad3a4d00f0c6a904b5d1ee8982eb4	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/94b0c831eda778ae9e4f2164a8b3de485d8977bb	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/1d8f2f024801019d85159a020b72a4424b46bcf4	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/92adfb707beec0fe956424373654a70aad35ea13	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
CVE Program record	CVE.ORG	www.cve.org	canonic

NVD vulnerability detail	NVD	nvd.nist.gov	canonic

No vendor comments have been submitted for this CVE.

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