iommu/amd: move wait_on_sem() out of spinlock

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

Summary

CVE	CVE-2026-43253
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-06 12:16:46 UTC
Updated	2026-05-11 18:40:35 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: iommu/amd: move wait_on_sem() out of spinlock With ion

Risk And Classification

Primary CVSS: v3.1 7.5 HIGH from 416baaa9-dc9f-4396-8d5f-8c081fb06d67

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

EPSS: 0.000440000 probability, percentile 0.135970000 (date 2026-05-11)

Problem Types: CWE-667

Version	Source	Type	Score	Severity	Vector
3.1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	Secondary	7.5	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H
3.1	CNA	DECLARED	7.5	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

None

Availability

High

CVSS:3.1/AV:N/AC:L/PR:N/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 4bf5beef578e46393f11eb69dda7d17a065e05ff f2f65b28d802a667119147444ec2ae33eebf9a58 git
CNA	Linux	Linux	affected 4bf5beef578e46393f11eb69dda7d17a065e05ff 715c263119fd1b918a9fcbd8a36ea5b604a46324 git
CNA	Linux	Linux	affected 4bf5beef578e46393f11eb69dda7d17a065e05ff e15768e68820142077bbca402d8e902f64ade1b0 git
CNA	Linux	Linux	affected 4bf5beef578e46393f11eb69dda7d17a065e05ff 496269d12072ecb219826485bdbec70c92a8eef5 git
CNA	Linux	Linux	affected 4bf5beef578e46393f11eb69dda7d17a065e05ff d2a0cac10597068567d336e85fa3cbdbe8ca62bf git
CNA	Linux	Linux	affected 4.9
CNA	Linux	Linux	unaffected 4.9 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/d2a0cac10597068567d336e85fa3cbdbe8ca62bf	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/e15768e68820142077bbca402d8e902f64ade1b0	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/715c263119fd1b918a9fcbd8a36ea5b604a46324	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/496269d12072ecb219826485bdbec70c92a8eef5	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/f2f65b28d802a667119147444ec2ae33eebf9a58	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.

Free CVE JSON API cve.report/api

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