drm/amdgpu: Fix fence put before wait in amdgpu_amdkfd_submit_ib

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Summary

CVE	CVE-2026-31566
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-24 15:16:31 UTC
Updated	2026-04-27 20:32:14 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: drm/amdgpu: Fix fence put before wait in amdgpu_amdkfd

Risk And Classification

Primary CVSS: v3.1 7.8 HIGH from nvd@nist.gov

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

EPSS: 0.000240000 probability, percentile 0.067850000 (date 2026-04-27)

Problem Types: CWE-416

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
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 9ae55f030dc523fc4dc6069557e4a887ea815453 bc7760c107dc08ef3e231d72c492e67b0a86848b git
CNA	Linux	Linux	affected 9ae55f030dc523fc4dc6069557e4a887ea815453 e23602eb0779760544314ed3905fa6a89a4e4070 gi
CNA	Linux	Linux	affected 9ae55f030dc523fc4dc6069557e4a887ea815453 138e42be35ff2ce6572ae744de851ea286cf3c69 git
CNA	Linux	Linux	affected 9ae55f030dc523fc4dc6069557e4a887ea815453 39820864eacd886f1a6f817414fb8f9ea3e9a2b4 git
CNA	Linux	Linux	affected 9ae55f030dc523fc4dc6069557e4a887ea815453 42d248726a0837640452b71c5a202ca3d35239ec g
CNA	Linux	Linux	affected 9ae55f030dc523fc4dc6069557e4a887ea815453 7150850146ebfa4ca998f653f264b8df6f7f85be git
CNA	Linux	Linux	affected 6.0
CNA	Linux	Linux	unaffected 6.0 semver
CNA	Linux	Linux	unaffected 6.1.168 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.131 6.6.* 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/7150850146ebfa4ca998f653f264b8df6f7f85be	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/e23602eb0779760544314ed3905fa6a89a4e4070	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/42d248726a0837640452b71c5a202ca3d35239ec	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/39820864eacd886f1a6f817414fb8f9ea3e9a2b4	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/bc7760c107dc08ef3e231d72c492e67b0a86848b	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/138e42be35ff2ce6572ae744de851ea286cf3c69	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.