



drm/xe: prevent UAF around preempt fence

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

Summary

CVE	CVE-2024-46683
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2024-09-13 06:15:12 UTC
Updated	2026-04-09 17:42:30 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: drm/xe: prevent UAF around preempt fence The fence loc

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

Problem Types: CWE-416

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
Operating System	Linux	Linux Kernel	6.11	rc1	All	All
Operating System	Linux	Linux Kernel	6.11	rc2	All	All
Operating System	Linux	Linux Kernel	6.11	rc3	All	All
Operating System	Linux	Linux Kernel	6.11	rc4	All	All
Operating System	Linux	Linux Kernel	6.11	rc5	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected dd08ebf6c3525a7ea2186e636df064ea47281987 10081b0b0ed201f53e24bd92deb2e0f3c3e713d4 git
CNA	Linux	Linux	affected dd08ebf6c3525a7ea2186e636df064ea47281987 730b72480e29f63fd644f5fa57c9d46109428953 git
CNA	Linux	Linux	affected 6.8
CNA	Linux	Linux	unaffected 6.8 semver
CNA	Linux	Linux	unaffected 6.10.8 6.10.* semver
CNA	Linux	Linux	unaffected 6.11 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/10081b0b0ed201f53e24bd92deb2e0f3c3e713d4	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/730b72480e29f63fd644f5fa57c9d46109428953	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical

No vendor comments have been submitted for this CVE.

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

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