perf: Fix __perf_event_overflow() vs perf_remove_from_context() race

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Summary

CVE	CVE-2026-23271
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-20 09:16:11 UTC
Updated	2026-04-02 15:16:28 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: perf: Fix __perf_event_overflow() vs perf_remove_from_c

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 0.023200000 (date 2026-04-07)

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

Integrity

High

Availability

High

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

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected 592903cdcbf606a838056bae6d03fc557806c914 4df1a45819e50993cb351682a6ae8e7ed2d233a0 gi
CNA	Linux	Linux	affected 592903cdcbf606a838056bae6d03fc557806c914 4f8d5812337871227bb2c98669a87c306a2f86ef git
CNA	Linux	Linux	affected 592903cdcbf606a838056bae6d03fc557806c914 5c48fdc4b4623533d86e279f51531a7ba212eb87 git
CNA	Linux	Linux	affected 592903cdcbf606a838056bae6d03fc557806c914 3f89b61dd504c5b6711de9759e053b082f9abf12 git
CNA	Linux	Linux	affected 592903cdcbf606a838056bae6d03fc557806c914 bb190628fe5f2a73ba762a9972ba16c5e895f73e git
CNA	Linux	Linux	affected 592903cdcbf606a838056bae6d03fc557806c914 c9bc1753b3cc41d0e01fbca7f035258b5f4db0ae git
CNA	Linux	Linux	affected 2.6.31
CNA	Linux	Linux	unaffected 2.6.31 semver
CNA	Linux	Linux	unaffected 6.1.167 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.130 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.77 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.17 6.18.* semver
CNA	Linux	Linux	unaffected 6.19.7 6.19.* semver
CNA	Linux	Linux	unaffected 7.0-rc2 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/4df1a45819e50993cb351682a6ae8e7ed2d233a0	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/c9bc1753b3cc41d0e01fbca7f035258b5f4db0ae	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/bb190628fe5f2a73ba762a9972ba16c5e895f73e	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/4f8d5812337871227bb2c98669a87c306a2f86ef	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/3f89b61dd504c5b6711de9759e053b082f9abf12	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/5c48fdc4b4623533d86e279f51531a7ba212eb87	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
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.

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