



ALSA: ctxfi: Limit PTP to a single page

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

CVE	CVE-2026-31602
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-24 15:16:39 UTC
Updated	2026-04-29 20:16:49 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: ALSA: ctxfi: Limit PTP to a single page Commit 391e6914

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: 0.000180000 probability, percentile 0.048130000 (date 2026-04-27)

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

Integrity

High

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 391e69143d0a05f960e3ab39a8c26b7b230bb8a9 452894005b4abe141b11fe01e7bfe152e6d3860f git
CNA	Linux	Linux	affected 391e69143d0a05f960e3ab39a8c26b7b230bb8a9 365c36e1a126c6aa1aecedd3a351bcabc66f0c29 gi
CNA	Linux	Linux	affected 391e69143d0a05f960e3ab39a8c26b7b230bb8a9 3fd0685d7fef68c2d8a04876bcf9eaa0724ad6a5 git
CNA	Linux	Linux	affected 391e69143d0a05f960e3ab39a8c26b7b230bb8a9 b7f5ecd13cce8c2f8fa5a84c9aab65997142577e git
CNA	Linux	Linux	affected 391e69143d0a05f960e3ab39a8c26b7b230bb8a9 ad9011a795407093dcf507f6e5da1828987b4b47 gi
CNA	Linux	Linux	affected 391e69143d0a05f960e3ab39a8c26b7b230bb8a9 e9418da50d9e5c496c22fe392e4ad74c038a94eb g
CNA	Linux	Linux	affected 3.2
CNA	Linux	Linux	unaffected 3.2 semver
CNA	Linux	Linux	unaffected 6.6.136 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.83 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.24 6.18.* semver
CNA	Linux	Linux	unaffected 6.19.14 6.19.* semver
CNA	Linux	Linux	unaffected 7.0.1 7.0.* semver
CNA	Linux	Linux	unaffected 7.1-rc1 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/b7f5ecd13cce8c2f8fa5a84c9aab65997142577e	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/452894005b4abe141b11fe01e7bfe152e6d3860f	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/365c36e1a126c6aa1aecedd3a351bcabc66f0c29	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/e9418da50d9e5c496c22fe392e4ad74c038a94eb	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/ad9011a795407093dcf507f6e5da1828987b4b47	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/3fd0685d7fef68c2d8a04876bcf9eaa0724ad6a5	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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