ext4: fix double brelse() the buffer of the extents path

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

Summary

CVE	CVE-2024-49882
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2024-10-21 18:15:10 UTC
Updated	2026-05-12 19:08:45 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: ext4: fix double brelse() the buffer of the extents path In ex

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-415

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	Debian	Debian Linux	11.0	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected ecb94f5fdf4b72547fca022421a9dca1672bddd4 d4574bda63906bf69660e001470bfe1a0ac524ae git
CNA	Linux	Linux	affected ecb94f5fdf4b72547fca022421a9dca1672bddd4 f9fd47c9d9548f9e47fa60098eab99dde175401d git
CNA	Linux	Linux	affected ecb94f5fdf4b72547fca022421a9dca1672bddd4 b6c29c8f3d7cb67b505f3b2f6c242d52298d1f2e git
CNA	Linux	Linux	affected ecb94f5fdf4b72547fca022421a9dca1672bddd4 32bbb59e3f18facd7201bef110010bf35819b8c3 git
CNA	Linux	Linux	affected ecb94f5fdf4b72547fca022421a9dca1672bddd4 78bbc3d15b6f443acb26e94418c445bac940d414 git
CNA	Linux	Linux	affected ecb94f5fdf4b72547fca022421a9dca1672bddd4 68a69cf60660c73990c1875f94a5551600b04775 git
CNA	Linux	Linux	affected ecb94f5fdf4b72547fca022421a9dca1672bddd4 7633407ca4ab8be2916ab214eb44ccebc6a50e1a git
CNA	Linux	Linux	affected ecb94f5fdf4b72547fca022421a9dca1672bddd4 230ee0535d01478bad9a3037292043f39b9be10b git
CNA	Linux	Linux	affected ecb94f5fdf4b72547fca022421a9dca1672bddd4 dcaa6c31134c0f515600111c38ed7750003e1b9c git
CNA	Linux	Linux	affected 3.7
CNA	Linux	Linux	unaffected 3.7 semver
CNA	Linux	Linux	unaffected 4.19.323 4.19.* semver
CNA	Linux	Linux	unaffected 5.4.285 5.4.* semver
CNA	Linux	Linux	unaffected 5.10.227 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.168 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.113 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.55 6.6.* semver
CNA	Linux	Linux	unaffected 6.10.14 6.10.* semver
CNA	Linux	Linux	unaffected 6.11.3 6.11.* semver
CNA	Linux	Linux	unaffected 6.12 * original_commit_for_fix

References

Reference	Source	Link	Tag
lists.debian.org/debian-lts-announce/2025/03/msg00002.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org	Mail
git.kernel.org/stable/c/7633407ca4ab8be2916ab214eb44ccebc6a50e1a	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patc
git.kernel.org/stable/c/68a69cf60660c73990c1875f94a5551600b04775	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patc
git.kernel.org/stable/c/b6c29c8f3d7cb67b505f3b2f6c242d52298d1f2e	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patc
git.kernel.org/stable/c/d4574bda63906bf69660e001470bfe1a0ac524ae	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patc
git.kernel.org/stable/c/78bbc3d15b6f443acb26e94418c445bac940d414	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patc

git.kernel.org/stable/c/f9fd47c9d9548f9e47fa60098eab99dde175401d	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patc
git.kernel.org/stable/c/230ee0535d01478bad9a3037292043f39b9be10b	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patc
git.kernel.org/stable/c/32bbb59e3f18facd7201bef110010bf35819b8c3	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patc
lists.debian.org/debian-lts-announce/2025/01/msg00001.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org	Mail
git.kernel.org/stable/c/dcaa6c31134c0f515600111c38ed7750003e1b9c	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patc
CVE Program record	CVE.ORG	www.cve.org	canc
NVD vulnerability detail	NVD	nvd.nist.gov	canc

No vendor comments have been submitted for this CVE.

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