



f2fs: fix to avoid memory leak in f2fs_rename()

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

Summary

CVE	CVE-2026-31714
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-01 14:16:21 UTC
Updated	2026-05-06 21:12:45 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: f2fs: fix to avoid memory leak in f2fs_rename() syzbot rep

Risk And Classification

Primary CVSS: v3.1 5.5 MEDIUM from nvd@nist.gov

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

EPSS: 0.000180000 probability, percentile 0.048290000 (date 2026-05-05)

Problem Types: CWE-401

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

CVSS: 3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/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 7525dec4b34c80b3015c3f2ac143fd2bfc1febc3 a76c1cad4e80a9802ef8048662255417e3ce5b79 git
CNA	Linux	Linux	affected 40b2d55e045222dd6de2a54a299f682e0f954b03 c78206dcb912ab60b8ee3cbe8c48d749a9a12e1e g
CNA	Linux	Linux	affected 40b2d55e045222dd6de2a54a299f682e0f954b03 047c0aef6af37a2a35181aa085c616ad286386f1 git
CNA	Linux	Linux	affected 40b2d55e045222dd6de2a54a299f682e0f954b03 369eb2016d8e2f01931b3bad1cb9cefa83f44003 git
CNA	Linux	Linux	affected 40b2d55e045222dd6de2a54a299f682e0f954b03 3cf11e6f36c170050c12171dd6fd3142711478fc git
CNA	Linux	Linux	affected 1d1b89c9846e6a550eca3d2ce9323fb591e4f321 git
CNA	Linux	Linux	affected 64582cc5357cd984724cfb0835b4a34d9c279d31 git
CNA	Linux	Linux	affected 6.9
CNA	Linux	Linux	unaffected 6.9 semver
CNA	Linux	Linux	unaffected 6.6.136 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.84 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.25 6.18.* semver
CNA	Linux	Linux	unaffected 7.0.2 7.0.* semver
CNA	Linux	Linux	unaffected 7.1-rc1 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/047c0aef6af37a2a35181aa085c616ad286386f1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/3cf11e6f36c170050c12171dd6fd3142711478fc	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/c78206dcb912ab60b8ee3cbe8c48d749a9a12e1e	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/a76c1cad4e80a9802ef8048662255417e3ce5b79	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/369eb2016d8e2f01931b3bad1cb9cefa83f44003	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.

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