ocfs2: fix possible deadlock between unlink and dio_end_io_write

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

Summary

CVE	CVE-2026-31598
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-24 15:16:37 UTC
Updated	2026-04-29 20:10:03 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: ocfs2: fix possible deadlock between unlink and dio_end_i

Risk And Classification

Primary CVSS: v3.1 7.5 HIGH from 416baaa9-dc9f-4396-8d5f-8c081fb06d67

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

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

Problem Types: CWE-667

Version	Source	Type	Score	Severity	Vector
3.1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	Secondary	7.5	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H
3.1	CNA	DECLARED	7.5	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

ntegrity

None

vailability

High

CVSS:3.1/AV:N/AC:L/PR:N/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 a86a72a4a4e0ec109a98e2737948864ed6794bf7 4b80b5a838a32437f2cae0662578bac216a2c51a g
CNA	Linux	Linux	affected a86a72a4a4e0ec109a98e2737948864ed6794bf7 2b884d52273c60c298bd570163e8053657bbaff6 gi
CNA	Linux	Linux	affected a86a72a4a4e0ec109a98e2737948864ed6794bf7 bc0fb5c7d54c78be43a536df0e20dee32adb27d3 gi
CNA	Linux	Linux	affected a86a72a4a4e0ec109a98e2737948864ed6794bf7 f9fb1a7b635849322e1d7b7b6b26389778ec8e82 gi
CNA	Linux	Linux	affected a86a72a4a4e0ec109a98e2737948864ed6794bf7 e049f7a9bd80b7319590789ea5e1c523d6339d91 g
CNA	Linux	Linux	affected a86a72a4a4e0ec109a98e2737948864ed6794bf7 b02da26a992db0c0e2559acbda0fc48d4a2fd337 gi
CNA	Linux	Linux	affected 4.6
CNA	Linux	Linux	unaffected 4.6 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/e049f7a9bd80b7319590789ea5e1c523d6339d91	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/f9fb1a7b635849322e1d7b7b6b26389778ec8e82	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/2b884d52273c60c298bd570163e8053657bbaff6	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/bc0fb5c7d54c78be43a536df0e20dee32adb27d3	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/4b80b5a838a32437f2cae0662578bac216a2c51a	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/b02da26a992db0c0e2559acbda0fc48d4a2fd337	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.