ocfs2: handle invalid dinode in ocfs2_group_extend

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

Summary

CVE	CVE-2026-31596
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 14:18:43 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: ocfs2: handle invalid dinode in ocfs2_group_extend [BUG]

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 0.048130000 (date 2026-04-27)

Problem Types: NVD-CWE-noinfo

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 10995aa2451afa20b721cc7de856cae1a13dba57 6575f9fbf084502b7118a628425bf7866666498d git
CNA	Linux	Linux	affected 10995aa2451afa20b721cc7de856cae1a13dba57 911b557dd7817460881fd51a03069b539c674d0e g
CNA	Linux	Linux	affected 10995aa2451afa20b721cc7de856cae1a13dba57 e384a850a3370d89a7a446cdeccd964bfba2a302 g
CNA	Linux	Linux	affected 10995aa2451afa20b721cc7de856cae1a13dba57 10fb72c47aac446f12a4ccd962c7daa60cc890a1 git
CNA	Linux	Linux	affected 10995aa2451afa20b721cc7de856cae1a13dba57 41c6e9bc3a09539deab43957a3211d902a4818f0 g
CNA	Linux	Linux	affected 10995aa2451afa20b721cc7de856cae1a13dba57 4a1c0ddc6e7bcf2e9db0eeaab9340dcfe97f448f git
CNA	Linux	Linux	affected 2.6.29
CNA	Linux	Linux	unaffected 2.6.29 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/6575f9fbf084502b7118a628425bf7866666498d	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/4a1c0ddc6e7bcf2e9db0eeaab9340dcfe97f448f	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/10fb72c47aac446f12a4ccd962c7daa60cc890a1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/e384a850a3370d89a7a446cdeccd964bfba2a302	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/41c6e9bc3a09539deab43957a3211d902a4818f0	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/911b557dd7817460881fd51a03069b539c674d0e	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.

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

Free CVE JSON API cve.report/api

CVE.report and Source URL Uptime Status **status.cve.report**