



ksmbd: require minimum ACE size in smb_check_perm_dacl()

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Summary

CVE	CVE-2026-31712
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-01 14:16:21 UTC
Updated	2026-05-03 07:16:18 UTC

Description In the Linux kernel, the following vulnerability has been resolved: ksmbd: require minimum ACE size in smb_check_perm_d

Risk And Classification

Primary CVSS: v3.1 8.3 HIGH from 416baaa9-dc9f-4396-8d5f-8c081fb06d67

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

EPSS: 0.000180000 probability, percentile 0.046600000 (date 2026-05-02)

Version	Source	Type	Score	Severity	Vector
3.1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	Secondary	8.3	HIGH	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:L/A:H
3.1	CNA	DECLARED	8.3	HIGH	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:L/A:H

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

Low

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

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected e2f34481b24db2fd634b5edb0a5bd0e4d38cc6e9 95e5aa3c3261da8c95b27d7aecf8ee39b9f86a4c git
CNA	Linux	Linux	affected e2f34481b24db2fd634b5edb0a5bd0e4d38cc6e9 90089584b2e25c4510b7b987387b4405f0673ece gi
CNA	Linux	Linux	affected e2f34481b24db2fd634b5edb0a5bd0e4d38cc6e9 151b1799861fde38087c08f613abc2843ef597b0 git
CNA	Linux	Linux	affected e2f34481b24db2fd634b5edb0a5bd0e4d38cc6e9 d07b26f39246a82399661936dd0c853983cfade7 git
CNA	Linux	Linux	affected 5.15
CNA	Linux	Linux	unaffected 5.15 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/151b1799861fde38087c08f613abc2843ef597b0	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/d07b26f39246a82399661936dd0c853983cfade7	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/95e5aa3c3261da8c95b27d7aecf8ee39b9f86a4c	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/90089584b2e25c4510b7b987387b4405f0673ece	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
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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Free CVE JSON API cve.report/api

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