smb: server: make use of smbdirect_socket.send_io.bcredits

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

Summary

CVE	CVE-2026-31537
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-24 15:16:27 UTC
Updated	2026-04-28 19:09:04 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: smb: server: make use of smbdirect_socket.send_io.bcred

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: 0.000170000 probability, percentile 0.040590000 (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 0626e6641f6b467447c81dd7678a69c66f7746cf 5ef18a2e66f2f33fdac64437bddfb9fe6389fdc7 git
CNA	Linux	Linux	affected 0626e6641f6b467447c81dd7678a69c66f7746cf 79242e7b6bc63efec28b7c235bc320806afce6c0 git
CNA	Linux	Linux	affected 0626e6641f6b467447c81dd7678a69c66f7746cf 34abd408c8ba24d7c97bd02ba874d8c714f49db1 git
CNA	Linux	Linux	affected 5.15
CNA	Linux	Linux	unaffected 5.15 semver
CNA	Linux	Linux	unaffected 6.18.11 6.18.* semver
CNA	Linux	Linux	unaffected 6.19.1 6.19.* semver
CNA	Linux	Linux	unaffected 7.0 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/79242e7b6bc63efec28b7c235bc320806afce6c0	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/34abd408c8ba24d7c97bd02ba874d8c714f49db1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/5ef18a2e66f2f33fdac64437bddfb9fe6389fdc7	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
CVE Program record	CVE.ORG	www.cve.org	canonica
NVD vulnerability detail	NVD	nvd.nist.gov	canonica

No vendor comments have been submitted for this CVE.

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

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