



crypto: af-alg - fix NULL pointer dereference in scatterwalk

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

| | |
|------------------------|--|
| CVE | CVE-2026-43043 |
| State | PUBLISHED |
| Assigner | Linux |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2026-05-01 15:16:50 UTC |
| Updated | 2026-05-08 18:57:17 UTC |

Description In the Linux kernel, the following vulnerability has been resolved: crypto: af-alg - fix NULL pointer dereference in scatterwalk

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: 0.000240000 probability, percentile 0.068060000 (date 2026-05-05)

Problem Types: CWE-476

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 8ff590903d5fc7f5a0a988c38267a3d08e6393a2 f48d3dd99199180cf37d6253550c55e86372309a git |
| CNA | Linux | Linux | affected 8ff590903d5fc7f5a0a988c38267a3d08e6393a2 f9acceae7b004956851fd4268edf9f518a9bce04 git |
| CNA | Linux | Linux | affected 8ff590903d5fc7f5a0a988c38267a3d08e6393a2 7195350fb78538c25cd790d703f8f2c73ee0d395 git |
| CNA | Linux | Linux | affected 8ff590903d5fc7f5a0a988c38267a3d08e6393a2 7cdf2c6381b21ab5ccf8116750d5582fcd6c0f49 git |
| CNA | Linux | Linux | affected 8ff590903d5fc7f5a0a988c38267a3d08e6393a2 44eafa39363e8d5dfda6a8c6eb6b45458ed4b948 git |
| CNA | Linux | Linux | affected 8ff590903d5fc7f5a0a988c38267a3d08e6393a2 00cbdec17c15d024a1c5002c7365df7624a18a75 git |
| CNA | Linux | Linux | affected 8ff590903d5fc7f5a0a988c38267a3d08e6393a2 4b03ab0a587ec57eb7ddb5c115d84a42896f60f7 git |
| CNA | Linux | Linux | affected 8ff590903d5fc7f5a0a988c38267a3d08e6393a2 62397b493e14107ae82d8b80938f293d95425bcb git |
| CNA | Linux | Linux | affected 2.6.38 |
| CNA | Linux | Linux | unaffected 2.6.38 semver |
| CNA | Linux | Linux | unaffected 5.10.253 5.10.* semver |
| CNA | Linux | Linux | unaffected 5.15.203 5.15.* semver |
| CNA | Linux | Linux | unaffected 6.1.168 6.1.* semver |
| CNA | Linux | Linux | unaffected 6.6.134 6.6.* semver |
| CNA | Linux | Linux | unaffected 6.12.81 6.12.* semver |
| CNA | Linux | Linux | unaffected 6.18.22 6.18.* semver |
| CNA | Linux | Linux | unaffected 6.19.12 6.19.* semver |
| CNA | Linux | Linux | unaffected 7.0 * original_commit_for_fix |

References

| Reference | Source | Link | Tags |
|--|--------------------------------------|---|-------|
| git.kernel.org/stable/c/f48d3dd99199180cf37d6253550c55e86372309a | 416baaa9-dc9f-4396-8d5f-8c081fb06d67 | git.kernel.org | Patch |
| git.kernel.org/stable/c/7cdf2c6381b21ab5ccf8116750d5582fcd6c0f49 | 416baaa9-dc9f-4396-8d5f-8c081fb06d67 | git.kernel.org | Patch |
| git.kernel.org/stable/c/f9acceae7b004956851fd4268edf9f518a9bce04 | 416baaa9-dc9f-4396-8d5f-8c081fb06d67 | git.kernel.org | Patch |
| git.kernel.org/stable/c/4b03ab0a587ec57eb7ddb5c115d84a42896f60f7 | 416baaa9-dc9f-4396-8d5f-8c081fb06d67 | git.kernel.org | Patch |
| git.kernel.org/stable/c/7195350fb78538c25cd790d703f8f2c73ee0d395 | 416baaa9-dc9f-4396-8d5f-8c081fb06d67 | git.kernel.org | Patch |
| git.kernel.org/stable/c/62397b493e14107ae82d8b80938f293d95425bcb | 416baaa9-dc9f-4396-8d5f-8c081fb06d67 | git.kernel.org | Patch |
| git.kernel.org/stable/c/00cbdec17c15d024a1c5002c7365df7624a18a75 | 416baaa9-dc9f-4396-8d5f-8c081fb06d67 | git.kernel.org | Patch |

| | | | |
|--|--------------------------------------|---|---------|
| git.kernel.org/stable/c/44eafa39363e8d5dfda6a8c6eb6b45458ed4b948 | 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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