



crypto: af_alg - Fix page reassignment overflow in af_alg_pull_tsgl

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

Summary

CVE	CVE-2026-43078
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-06 10:16:20 UTC
Updated	2026-05-08 13:16:38 UTC

Description In the Linux kernel, the following vulnerability has been resolved: crypto: af_alg - Fix page reassignment overflow in af_alg_

Risk And Classification

Primary CVSS: v3.1 7.8 HIGH from 416baaa9-dc9f-4396-8d5f-8c081fb06d67

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

EPSS: 0.000130000 probability, percentile 0.024500000 (date 2026-05-12)

Version	Source	Type	Score	Severity	Vector
3.1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	Secondary	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	DECLARED	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected e870456d8e7c8d57c059ea479b5aadbb55ff4c3a fa48d3ea9cdbfb28c1fd6756c6c5cd01351aa51e git
CNA	Linux	Linux	affected e870456d8e7c8d57c059ea479b5aadbb55ff4c3a 2b781d1d4f933990318bcc5c68fb75a717379e42 git
CNA	Linux	Linux	affected e870456d8e7c8d57c059ea479b5aadbb55ff4c3a f7826bc0b39928a4a22f6b815dd9940b22a63503 git
CNA	Linux	Linux	affected e870456d8e7c8d57c059ea479b5aadbb55ff4c3a 710a4ce5d7afd9fe082c75dec282ab4a11c0fe71 git
CNA	Linux	Linux	affected e870456d8e7c8d57c059ea479b5aadbb55ff4c3a c8369a6d62f5abde9cbd4b62c45bf4b996be2468 git
CNA	Linux	Linux	affected e870456d8e7c8d57c059ea479b5aadbb55ff4c3a dea5fcf085f977b6c2de1b2d4ec4767b6c840d1f git
CNA	Linux	Linux	affected e870456d8e7c8d57c059ea479b5aadbb55ff4c3a 9532501e0f1b200ea80baa0e33e0b06da10bb271 gi
CNA	Linux	Linux	affected e870456d8e7c8d57c059ea479b5aadbb55ff4c3a 31d00156e50ecad37f2cb6cbf04aaa9a260505ef git
CNA	Linux	Linux	affected 4.14
CNA	Linux	Linux	unaffected 4.14 semver
CNA	Linux	Linux	unaffected 5.10.254 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.204 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.170 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.137 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.85 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 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/31d00156e50ecad37f2cb6cbf04aaa9a260505ef	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/dea5fcf085f977b6c2de1b2d4ec4767b6c840d1f	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/f7826bc0b39928a4a22f6b815dd9940b22a63503	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/c8369a6d62f5abde9cbd4b62c45bf4b996be2468	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/2b781d1d4f933990318bcc5c68fb75a717379e42	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/710a4ce5d7afd9fe082c75dec282ab4a11c0fe71	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/9532501e0f1b200ea80baa0e33e0b06da10bb271	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/fa48d3ea9cdbfb28c1fd6756c6c5cd01351aa51e	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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