



kernel: be more careful about dup_mmap() failures and uprobe registering

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

Summary

CVE	CVE-2025-21709
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-02-27 02:15:14 UTC
Updated	2026-04-22 13:16:18 UTC

Description In the Linux kernel, the following vulnerability has been resolved: kernel: be more careful about dup_mmap() failures and up

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: 0.000400000 probability, percentile 0.122810000 (date 2026-04-22)

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 d2406291483775ecddaee929231a39c70c08fda2 74c2471eb891a7dcb3874b21c106cda75f52be30 git
CNA	Linux	Linux	affected d2406291483775ecddaee929231a39c70c08fda2 da139948aeda677ac09cc0e7d837f8a314de7d55 g
CNA	Linux	Linux	affected d2406291483775ecddaee929231a39c70c08fda2 64c37e134b120fb462fb4a80694bfb8e7be77b14 git
CNA	Linux	Linux	affected 6.8
CNA	Linux	Linux	unaffected 6.8 semver
CNA	Linux	Linux	unaffected 6.12.83 6.12.* semver
CNA	Linux	Linux	unaffected 6.13.2 6.13.* semver
CNA	Linux	Linux	unaffected 6.14 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/74c2471eb891a7dcb3874b21c106cda75f52be30	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/da139948aeda677ac09cc0e7d837f8a314de7d55	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/64c37e134b120fb462fb4a80694bfb8e7be77b14	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical

No vendor comments have been submitted for this CVE.

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

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