



padata: Fix pd UAF once and for all

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

Summary

CVE	CVE-2025-38584
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-08-19 17:15:35 UTC
Updated	2026-05-07 06:16:01 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: padata: Fix pd UAF once and for all There is a race condit

Risk And Classification

Primary CVSS: v3.1 7.8 HIGH from nvd@nist.gov

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

Problem Types: CWE-416

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

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 16295bec6398a3eedc9377e1af6ff4c71b98c300 f231d5d001ec75f5886c02d496a4c79edc383d45 git
CNA	Linux	Linux	affected 16295bec6398a3eedc9377e1af6ff4c71b98c300 dbe3e911a59bda6de96e7cae387ff882c2c177fa git
CNA	Linux	Linux	affected 16295bec6398a3eedc9377e1af6ff4c71b98c300 cdf79bd2e1ecb3cc75631c73d8f4149be6019a52 git
CNA	Linux	Linux	affected 16295bec6398a3eedc9377e1af6ff4c71b98c300 71203f68c7749609d7fc8ae6ad054bdedeb24f91 git
CNA	Linux	Linux	affected 2.6.34
CNA	Linux	Linux	unaffected 2.6.34 semver
CNA	Linux	Linux	unaffected 6.12.86 6.12.* semver
CNA	Linux	Linux	unaffected 6.15.10 6.15.* semver
CNA	Linux	Linux	unaffected 6.16.1 6.16.* semver
CNA	Linux	Linux	unaffected 6.17 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/71203f68c7749609d7fc8ae6ad054bdedeb24f91	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/f231d5d001ec75f5886c02d496a4c79edc383d45	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/dbe3e911a59bda6de96e7cae387ff882c2c177fa	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/cdf79bd2e1ecb3cc75631c73d8f4149be6019a52	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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