



mm: slub: avoid wake up kswapd in set_track_prepare

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

CVE CVE-2025-39843

State PUBLISHED

Assigner Linux

Source Priority CVE Program / NVD first with legacy fallback

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Description In the Linux kernel, the following vulnerability has been resolved: mm: slub: avoid wake up kswapd in set_track_prepare se

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

Problem Types: CWE-667

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 5cf909c553e9efed573811de4b3f5172898d5515 994b03b9605d36d814c611385fbf90ca6d
CNA	Linux	Linux	affected 5cf909c553e9efed573811de4b3f5172898d5515 522ffe298627cfe72539d72167c2e20e72b
CNA	Linux	Linux	affected 5cf909c553e9efed573811de4b3f5172898d5515 243b705a90ed8449f561a271cf251fd2e93
CNA	Linux	Linux	affected 5cf909c553e9efed573811de4b3f5172898d5515 eb3240ffd243bfb8b1e9dc568d484ecf9fd6
CNA	Linux	Linux	affected 5cf909c553e9efed573811de4b3f5172898d5515 850470a8413a8a78e772c4f6bd9fe81ec6
CNA	Linux	Linux	affected 5.19
CNA	Linux	Linux	unaffected 5.19 semver
CNA	Linux	Linux	unaffected 6.1.151 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.105 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.46 6.12.* semver
CNA	Linux	Linux	unaffected 6.16.6 6.16.* semver
CNA	Linux	Linux	unaffected 6.17 * original_commit_for_fix
ADP	Siemens	SIMATIC CN 4100	affected V5.0 custom

References

Reference	Source	Link
lists.debian.org/debian-lts-announce/2025/10/msg00008.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
git.kernel.org/stable/c/243b705a90ed8449f561a271cf251fd2e939f3db	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
cert-portal.siemens.com/productcert/html/ssa-032379.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-portal.siemens.com
git.kernel.org/stable/c/994b03b9605d36d814c611385fbf90ca6db20aa8	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
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git.kernel.org/stable/c/850470a8413a8a78e772c4f6bd9fe81ec6bd5b0f	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/522ffe298627cfe72539d72167c2e20e72b5e856	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

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

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