



__legitimize_mnt(): check for MNT_SYNC_UMOUNT should be under mount_lock

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

Summary

CVE	CVE-2025-38058
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-06-18 10:15:38 UTC
Updated	2026-05-12 13:16:41 UTC

Description In the Linux kernel, the following vulnerability has been resolved: __legitimize_mnt(): check for MNT_SYNC_UMOUNT sho

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 48a066e72d970a3e225a9c18690d570c736fc455 628fb00195c
CNA	Linux	Linux	affected 48a066e72d970a3e225a9c18690d570c736fc455 b89eb56a37f
CNA	Linux	Linux	affected 48a066e72d970a3e225a9c18690d570c736fc455 f6d45fd92f62
CNA	Linux	Linux	affected 48a066e72d970a3e225a9c18690d570c736fc455 9b0915e72b0
CNA	Linux	Linux	affected 48a066e72d970a3e225a9c18690d570c736fc455 d8ece4ced3t
CNA	Linux	Linux	affected 48a066e72d970a3e225a9c18690d570c736fc455 8cafd7266fa
CNA	Linux	Linux	affected 48a066e72d970a3e225a9c18690d570c736fc455 b55996939c
CNA	Linux	Linux	affected 48a066e72d970a3e225a9c18690d570c736fc455 250cf369306
CNA	Linux	Linux	affected 3.13
CNA	Linux	Linux	unaffected 3.13 semver
CNA	Linux	Linux	unaffected 5.4.294 5.4.* semver
CNA	Linux	Linux	unaffected 5.10.238 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.185 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.141 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.93 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.31 6.12.* semver
CNA	Linux	Linux	unaffected 6.14.9 6.14.* semver
CNA	Linux	Linux	unaffected 6.15 * original_commit_for_fix
ADP	Siemens	SIMATIC S7-1500 CPU 1518-4 PN/DP MFP	affected V3.1.5 * custom
ADP	Siemens	SIMATIC S7-1500 CPU 1518-4 PN/DP MFP	affected V3.1.5 * custom
ADP	Siemens	SIMATIC S7-1500 CPU 1518F-4 PN/DP MFP	affected V3.1.5 * custom
ADP	Siemens	SIMATIC S7-1500 CPU 1518F-4 PN/DP MFP	affected V3.1.5 * custom
ADP	Siemens	SIPLUS S7-1500 CPU 1518-4 PN/DP MFP	affected V3.1.5 * 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/9b0915e72b3cf52474dcee0b24a2f99d93e604a3	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
cert-portal.siemens.com/productcert/html/ssa-082556.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-portal.siemens.co

git.kernel.org/stable/c/8cafd7266fa02e0863bacbf872fe635c0b9725eb	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/628fb00195ce21a90cf9e4e3d105cd9e58f77b40	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/b89eb56a378b7b2c1176787fc228d0a57172bdd5	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/f6d45fd92f62845cbd1eb5128fd8f0ed7d0c5a42	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/d8ece4ced3b051e656c77180df2e69e19e24edc1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/250cf3693060a5f803c5f1ddc082bb06b16112a9	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/b55996939c71a3e1a38f3cdc6a8859797efc9083	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
lists.debian.org/debian-lts-announce/2025/10/msg00007.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.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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