



# serial: 8250: fix panic due to PSLVERR

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2025-39724
<b>State</b>	PUBLISHED
<b>Assigner</b>	Linux
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2025-09-05 18:15:50 UTC
<b>Updated</b>	2026-05-12 13:17:08 UTC

**Description** In the Linux kernel, the following vulnerability has been resolved: serial: 8250: fix panic due to PSLVERR When the PSLVE

## 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:** 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 c49436b657d0a56a6ad90d14a7c3041add7cf64d 0b882f00655
CNA	Linux	Linux	affected c49436b657d0a56a6ad90d14a7c3041add7cf64d b8ca8e3f75e
CNA	Linux	Linux	affected c49436b657d0a56a6ad90d14a7c3041add7cf64d 68c4613e89f
CNA	Linux	Linux	affected c49436b657d0a56a6ad90d14a7c3041add7cf64d c826943abf4
CNA	Linux	Linux	affected c49436b657d0a56a6ad90d14a7c3041add7cf64d cb7b3633edf
CNA	Linux	Linux	affected c49436b657d0a56a6ad90d14a7c3041add7cf64d 8e2739478c
CNA	Linux	Linux	affected c49436b657d0a56a6ad90d14a7c3041add7cf64d 38c0ea484d
CNA	Linux	Linux	affected c49436b657d0a56a6ad90d14a7c3041add7cf64d 7f8fdd4dbff
CNA	Linux	Linux	affected 6d5e79331417886196cb3a733bdb6645ba85bc42 git
CNA	Linux	Linux	affected 2401577586898b3590db80f8b97a26f81f0f6d4e git
CNA	Linux	Linux	affected 3.13
CNA	Linux	Linux	unaffected 3.13 semver
CNA	Linux	Linux	unaffected 5.4.297 5.4.* semver
CNA	Linux	Linux	unaffected 5.10.241 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.190 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.149 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.103 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.44 6.12.* semver
CNA	Linux	Linux	unaffected 6.16.4 6.16.* semver
CNA	Linux	Linux	unaffected 6.17 * original_commit_for_fix
ADP	Siemens	SIMATIC CN 4100	affected V5.0 custom
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/38c0ea484dedb58cb3a4391229933e16be0d1031	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>
git.kernel.org/stable/c/8e2739478c164147d0774802008528d9e03fb802	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>
cert-portal.siemens.com/productcert/html/ssa-082556.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	<a href="https://cert-portal.siemens.com">cert-portal.siemens.cc</a>
git.kernel.org/stable/c/68c4613e89f000e8198f9ace643082c697921c9f	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>
git.kernel.org/stable/c/c826943abf473a3f7260fbadf65e44db475460	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>
git.kernel.org/stable/c/7f8fdd4dbffc05982b96caf586f77a014b2a9353	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>
cert-portal.siemens.com/productcert/html/ssa-032379.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	<a href="https://cert-portal.siemens.com">cert-portal.siemens.cc</a>
git.kernel.org/stable/c/cb7b3633ed749db8e56f475f43c960652cbd6882	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>
git.kernel.org/stable/c/b8ca8e3f75ede308b4d49a6ca5081460be01bdb5	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>
git.kernel.org/stable/c/0b882f00655afefbc7729c6b5aec86f7a5473a3d	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>
lists.debian.org/debian-lts-announce/2025/10/msg00007.html	af854a3a-2127-422b-91ae-364da2661108	<a href="https://lists.debian.org">lists.debian.org</a>
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

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

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