# net: dsa: fix netdev_priv() dereference before check on non-DSA netdevice events

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

## Summary

| | |
|---|---|
| **CVE** | CVE-2024-26596 |
| **State** | PUBLISHED |
| **Assigner** | Linux |
| **Source Priority** | CVE Program / NVD first with legacy fallback |
| **Published** | 2024-02-23 15:15:09 UTC |
| **Updated** | 2026-05-12 12:16:18 UTC |
| **Description** | In the Linux kernel, the following vulnerability has been resolved: net: dsa: fix netdev_priv() dereference before check on no |

## 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:** 0.000130000 probability, percentile 0.019560000 (date 2026-05-12)

**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 4c3f80d22b2eca911143ce656fa45c4699ff5bf4 9e9953f5e4d6d |
| CNA | Linux | Linux | affected 4c3f80d22b2eca911143ce656fa45c4699ff5bf4 69a1e2d938dbb |
| CNA | Linux | Linux | affected 4c3f80d22b2eca911143ce656fa45c4699ff5bf4 dbd909c20c11f |
| CNA | Linux | Linux | affected 4c3f80d22b2eca911143ce656fa45c4699ff5bf4 844f104790bd6 |
| CNA | Linux | Linux | affected 6.1 |
| CNA | Linux | Linux | unaffected 6.1 semver |
| CNA | Linux | Linux | unaffected 6.1.129 6.1.* semver |
| CNA | Linux | Linux | unaffected 6.6.55 6.6.* semver |
| CNA | Linux | Linux | unaffected 6.7.2 6.7.* semver |
| CNA | Linux | Linux | unaffected 6.8 * 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 |
|---|---|---|
| git.kernel.org/stable/c/844f104790bd69c2e4dbb9ee3eba46fde1fcea7b | af854a3a-2127-422b-91ae-364da2661108 | 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/9e9953f5e4d6d11a9dad56fdee307bb923302809 | 416baaa9-dc9f-4396-8d5f-8c081fb06d67 | git.kernel.org |
| git.kernel.org/stable/c/69a1e2d938dbbfcff0e064269adf60ad26dbb102 | 416baaa9-dc9f-4396-8d5f-8c081fb06d67 | git.kernel.org |
| git.kernel.org/stable/c/dbd909c20c11f0d29c0054d41e0d1f668a60e8c8 | af854a3a-2127-422b-91ae-364da2661108 | git.kernel.org |
| lists.debian.org/debian-lts-announce/2025/03/msg00028.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

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



**Free CVE JSON API** cve.report/api

**CVE.report and Source URL Uptime Status** **status.cve.report**