



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

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

## Summary

|                        |                                                                                                                                |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2024-26596                                                                                                                 |
| <b>State</b>           | PUBLISHED                                                                                                                      |
| <b>Assigner</b>        | Linux                                                                                                                          |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                                   |
| <b>Published</b>       | 2024-02-23 15:15:09 UTC                                                                                                        |
| <b>Updated</b>         | 2026-05-12 12:16:18 UTC                                                                                                        |
| <b>Description</b>     | 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 69a1e2d938dbf |                         |         |          |
| 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.com |         |          |
| 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.

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

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