



# xdp: Remove WARN() from \_\_xdp\_reg\_mem\_model()

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

## Summary

<b>CVE</b>	CVE-2024-42082
<b>State</b>	PUBLISHED
<b>Assigner</b>	Linux
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2024-07-29 16:15:07 UTC
<b>Updated</b>	2026-05-12 12:17:03 UTC

**Description** In the Linux kernel, the following vulnerability has been resolved: xdp: Remove WARN() from \_\_xdp\_reg\_mem\_model() syz

## 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-770

## 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 8d5d88527587516bd58ff0f3810f07c38e65e2
CNA	Linux	Linux	affected 8d5d88527587516bd58ff0f3810f07c38e65e2
CNA	Linux	Linux	affected 8d5d88527587516bd58ff0f3810f07c38e65e2
CNA	Linux	Linux	affected 8d5d88527587516bd58ff0f3810f07c38e65e2
CNA	Linux	Linux	affected 8d5d88527587516bd58ff0f3810f07c38e65e2
CNA	Linux	Linux	affected 8d5d88527587516bd58ff0f3810f07c38e65e2
CNA	Linux	Linux	affected 4.18
CNA	Linux	Linux	unaffected 4.18 semver
CNA	Linux	Linux	unaffected 5.10.221 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.162 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.97 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.37 6.6.* semver
CNA	Linux	Linux	unaffected 6.9.8 6.9.* semver
CNA	Linux	Linux	unaffected 6.10 * original_commit_for_fix
ADP	Siemens	RUGGEDCOM RST2428P	affected V3.1 custom
ADP	Siemens	RUGGEDCOM RST2428P	unaffected * custom
ADP	Siemens	SCALANCE XC-300/XR-300/XC-400/XR-500WG/XR-500 Family	unaffected * custom
ADP	Siemens	SCALANCE XC-300/XR-300/XC-400/XR-500WG/XR-500 Family	unaffected * custom
ADP	Siemens	SCALANCE XCM-/XRM-/XCH-/XRH-300 Family	affected V3.1 custom
ADP	Siemens	SCALANCE XCM-/XRM-/XCH-/XRH-300 Family	unaffected * custom
ADP	Siemens	SIMATIC S7-1500 TM MFP - GNU/Linux Subsystem	affected * custom

## References

Reference	Source	Link
git.kernel.org/stable/c/4e0c539ee265d5c6e7fa7d229cd4aa7bc01816e2	af854a3a-2127-422b-91ae-364da2661108	<a href="https://git.kernel.org/">git.kernel.org</a>
git.kernel.org/stable/c/f92298b0467fd77edc4c1a2c3e48833e69840ec4	af854a3a-2127-422b-91ae-364da2661108	<a href="https://git.kernel.org/">git.kernel.org</a>
cert-portal.siemens.com/productcert/html/ssa-265688.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	<a href="https://cert-portal.siemens.com/">cert-portal.siemens.com</a>
git.kernel.org/stable/c/1095b8efbb13a6a5fa583ed373ee1ccab29da2d0	af854a3a-2127-422b-91ae-364da2661108	<a href="https://git.kernel.org/">git.kernel.org</a>
git.kernel.org/stable/c/7e9f79428372c6eab92271390851be34ab26bfb4	af854a3a-2127-422b-91ae-364da2661108	<a href="https://git.kernel.org/">git.kernel.org</a>
git.kernel.org/stable/c/1d3e3b3aa2cbe9bc7db9a7f8673a9fa6d2990d54	af854a3a-2127-422b-91ae-364da2661108	<a href="https://git.kernel.org/">git.kernel.org</a>

git.kernel.org/stable/c/14e51ea78b4ccacb7acb1346b9241bb790a2054c	af854a3a-2127-422b-91ae-364da2661108	<a href="https://git.kernel.org">git.kernel.org</a>
cert-portal.siemens.com/productcert/html/ssa-613116.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	<a href="https://cert-portal.siemens.com">cert-portal.siemens.co</a>
cert-portal.siemens.com/productcert/html/ssa-355557.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	<a href="https://cert-portal.siemens.com">cert-portal.siemens.co</a>
lists.debian.org/debian-lts-announce/2025/01/msg00001.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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