



af_packet: fix vlan_get_tci() vs MSG_PEEK

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

Summary

CVE	CVE-2024-57902
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-01-15 13:15:14 UTC
Updated	2026-05-12 13:16:23 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: af_packet: fix vlan_get_tci() vs MSG_PEEK Blamed comm

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 | CWE-noinfo Not enough information

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	5.5	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H
3.1	ADP	DECLARED	5.5	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	5.5	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H

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 c77064e76c768fb101ea5ff92dc771142fc9d8fd 66ffb0cf2
CNA	Linux	Linux	affected 83e2dfadcb6258fe3111c8a8ec9cf34465e55e64 fa57f07
CNA	Linux	Linux	affected d0a1f9aa70f0d8a05b6320e8a3f3b83adab8dac3 65c670
CNA	Linux	Linux	affected 5839f59ff1dd4e35b9e767927931a039484839e1 d91b4e
CNA	Linux	Linux	affected 5a041d25b67042cbe06a0fb292ee22fd1 147e65c 7aa78c
CNA	Linux	Linux	affected 79eecf631c14e7f4057186570ac20e2cfac3802e b65292
CNA	Linux	Linux	affected 79eecf631c14e7f4057186570ac20e2cfac3802e 77ee7a
CNA	Linux	Linux	affected 3dfd84aa72fa7329ed4a257c8f40e0c9aff4dc8f git
CNA	Linux	Linux	affected 66f23a7b5174b5d3e7111fd2d0d5a4f3faaa12e5 git
CNA	Linux	Linux	affected 6.11
CNA	Linux	Linux	unaffected 6.11 semver
CNA	Linux	Linux	unaffected 5.4.289 5.4.* semver
CNA	Linux	Linux	unaffected 5.10.233 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.176 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.124 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.70 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.9 6.12.* semver
CNA	Linux	Linux	unaffected 6.13 * original_commit_for_fix
ADP	Siemens	SIMATIC S7-1500 TM MFP - GNU/Linux Subsystem	affected * custom

References

Reference	Source	Link
lists.debian.org/debian-lts-announce/2025/03/msg00002.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
cert-portal.siemens.com/productcert/html/ssa-265688.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-portal.siemens.co
git.kernel.org/stable/c/d91b4a9baa018a001d5c884e236c0cfd31f9f4a1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org

git.kernel.org/stable/c/77ee7a6d16b6ec07b5c3ae2b6b60a24c1afbed09	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/fa57f07ba0622c8692f40e1300adca59277b0044	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/7aa78d0d8546d8ce5a764add3f55d72e707c18f1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
lists.debian.org/debian-lts-announce/2025/03/msg00001.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
git.kernel.org/stable/c/b65292a548d847099a4fe0fff53122a06e798e25	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/65c67049e9ed481f6b52264b39618b8c6dfb1d3e	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/66ffb0cf2125dcf9e902eede4a43653a24fd9cb2	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.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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