



geneve: fix header validation in geneve[6]_xmit_skb

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

Summary

CVE	CVE-2024-35973
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2024-05-20 10:15:12 UTC
Updated	2026-05-12 12:16:44 UTC

Description In the Linux kernel, the following vulnerability has been resolved: geneve: fix header validation in geneve[6]_xmit_skb syzbc

Risk And Classification

Primary CVSS: v3.1 5.5 MEDIUM from ADP

CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H

Problem Types: CWE-908 | CWE-noinfo Not enough information

Version	Source	Type	Score	Severity	Vector
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 35385daa8db320d2d9664930c28e732578b0
CNA	Linux	Linux	affected 6f92124d74419797fadfbcd5b7a72c384a641
CNA	Linux	Linux	affected 71ad9260c001b217d704cda88ecea251b2d5
CNA	Linux	Linux	affected d13f048dd40e8577260cd43faea8ec9b77520
CNA	Linux	Linux	affected d13f048dd40e8577260cd43faea8ec9b77520
CNA	Linux	Linux	affected d13f048dd40e8577260cd43faea8ec9b77520
CNA	Linux	Linux	affected d13f048dd40e8577260cd43faea8ec9b77520
CNA	Linux	Linux	affected d13f048dd40e8577260cd43faea8ec9b77520
CNA	Linux	Linux	affected d13f048dd40e8577260cd43faea8ec9b77520
CNA	Linux	Linux	affected 9a51e36ebf433adf59c051bec33f5aa54640b
CNA	Linux	Linux	affected 21815f28af8081b258552c111774ff320cf38d
CNA	Linux	Linux	affected 5.13
CNA	Linux	Linux	unaffected 5.13 semver
CNA	Linux	Linux	unaffected 4.19.313 4.19.* semver
CNA	Linux	Linux	unaffected 5.4.275 5.4.* semver
CNA	Linux	Linux	unaffected 5.10.216 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.156 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.87 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.28 6.6.* semver
CNA	Linux	Linux	unaffected 6.8.7 6.8.* semver
CNA	Linux	Linux	unaffected 6.9 * original_commit_for_fix
ADP	Siemens	RUGGEDCOM RST2428P	affected V3.1 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	SIMATIC S7-1500 TM MFP - GNU/Linux Subsystem	affected * custom

References

Reference	Source	Link
git.kernel.org/stable/c/d8a6213d70accb403b82924a1c229e733433a5ef	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/43be590456e1f3566054ce78ae2dbb68cbe1a536	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
lists.debian.org/debian-lts-announce/2024/06/msg00017.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.com
git.kernel.org/stable/c/190d9efa5773f26d6f334b1b8be282c4fa13fd5e	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
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git.kernel.org/stable/c/10204df9beda4978bd1d0c2db0d8375bfb03b915	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/4a1b65d1e55d53b397cb27014208be1e04172670	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
cert-portal.siemens.com/productcert/html/ssa-613116.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-portal.siemens.com
lists.debian.org/debian-lts-announce/2024/06/msg00020.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
git.kernel.org/stable/c/3c1ae6de74e3d2d6333d29a2d3e13e6094596c79	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/d3adf11d7993518a39bd02b383cfe657ccc0023c	af854a3a-2127-422b-91ae-364da2661108	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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