wifi: cfg80211: restrict NL80211_ATTR_TXQ_QUANTUM values

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

Summary

CVE	CVE-2024-42114
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2024-07-30 08:15:03 UTC
Updated	2026-05-12 12:17:04 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: wifi: cfg80211: restrict NL80211_ATTR_TXQ_QUANTUM

Risk And Classification

Primary CVSS: v3.1 4.4 MEDIUM from nvd@nist.gov

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

Problem Types: CWE-667

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

High

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

CVSS:3.1/AV:L/AC:L/PR:H/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 52539ca89f365d3db530535fbffa88a3cca4d2ec 80ac0cc
CNA	Linux	Linux	affected 52539ca89f365d3db530535fbffa88a3cca4d2ec 33ac5a4
CNA	Linux	Linux	affected 52539ca89f365d3db530535fbffa88a3cca4d2ec 3fc06f6c
CNA	Linux	Linux	affected 52539ca89f365d3db530535fbffa88a3cca4d2ec 8a3ac7f
CNA	Linux	Linux	affected 52539ca89f365d3db530535fbffa88a3cca4d2ec e87c2f0
CNA	Linux	Linux	affected 52539ca89f365d3db530535fbffa88a3cca4d2ec d1cba2e
CNA	Linux	Linux	affected 4.18
CNA	Linux	Linux	unaffected 4.18 semver
CNA	Linux	Linux	unaffected 5.10.224 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.165 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.106 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.47 6.6.* semver
CNA	Linux	Linux	unaffected 6.9.9 6.9.* semver
CNA	Linux	Linux	unaffected 6.10 * original_commit_for_fix
ADP	Siemens	SIMATIC S7-1500 TM MFP - GNU/Linux Subsystem	affected * custom

References

Reference	Source	Link
git.kernel.org/stable/c/e87c2f098f52aa2fe20258a5bb1738d6a74e9ed7	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/3fc06f6d142d2840735543216a60d0a8c345bdec	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/8a3ac7fb36962c34698f884bd697938054ff2afa	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
cert-portal.siemens.com/productcert/html/ssa-265688.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-portal.siemens.co
git.kernel.org/stable/c/d1cba2ea8121e7fdbe1328cea782876b1dd80993	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
lists.debian.org/debian-lts-announce/2024/10/msg00003.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
lists.debian.org/debian-lts-announce/2025/01/msg00001.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
git.kernel.org/stable/c/33ac5a4eb3d4bea2146658f1b6d1fa86d62d2b22	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/80ac0cc9c0bef984e29637b1efa93d7214b42f53	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.

Free CVE JSON API cve.report/api

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