netfilter: validate user input for expected length

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

Summary

CVE	CVE-2024-35896
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2024-05-19 09:15:10 UTC
Updated	2026-05-12 12:16:39 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: netfilter: validate user input for expected length I got multi

Risk And Classification

Primary CVSS: v3.1 7.1 HIGH from nvd@nist.gov

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

Problem Types: CWE-125

CVSS v3.1 Breakdown

Attack Vector
Local

Attack Complexity
Low

Privileges Required
Low

User Interaction
None

Scope
Unchanged

Confidentiality
High

Integrity
None

Availability
High

CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/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 1da177e4c3f41524e886b7f1b8a0c1fc7321cac2 0f03824
CNA	Linux	Linux	affected 1da177e4c3f41524e886b7f1b8a0c1fc7321cac2 440e94
CNA	Linux	Linux	affected 1da177e4c3f41524e886b7f1b8a0c1fc7321cac2 18aae2
CNA	Linux	Linux	affected 1da177e4c3f41524e886b7f1b8a0c1fc7321cac2 81d51b
CNA	Linux	Linux	affected 1da177e4c3f41524e886b7f1b8a0c1fc7321cac2 58f2bfb
CNA	Linux	Linux	affected 1da177e4c3f41524e886b7f1b8a0c1fc7321cac2 0c8384
CNA	Linux	Linux	affected 2.6.12
CNA	Linux	Linux	unaffected 2.6.12 semver
CNA	Linux	Linux	unaffected 5.10.215 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.154 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.85 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.26 6.6.* semver
CNA	Linux	Linux	unaffected 6.8.5 6.8.* semver
CNA	Linux	Linux	unaffected 6.9 * 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/81d51b9b7c95e791ba3c1a2dd77920a9d3b3f525	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
git.kernel.org/stable/c/58f2bfb789e6bd3bc24a2c9c1580f3c67aec3018	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/0f038242b77ddfc505bf4163d4904c1abd2e74d6	af854a3a-2127-422b-91ae-364da2661108	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/18aae2cb87e5faa9c5bd865260ceadac60d5a6c5	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/440e948cf0eff32cfe322dcbca3f2525354b159b	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/0c83842df40f86e529db6842231154772c20edcc	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
security.netapp.com/advisory/ntap-20250321-0004	af854a3a-2127-422b-91ae-364da2661108	security.netapp.com
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**