



netfilter: xt_multiport: validate range encoding in checkentry

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Summary

CVE	CVE-2026-31681
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-25 09:16:01 UTC
Updated	2026-04-25 09:16:01 UTC

Description In the Linux kernel, the following vulnerability has been resolved: netfilter: xt_multiport: validate range encoding in checkent

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected a89ecb6a2ef732d04058d87801e2b6bd7e5c7089 aec14808271f2bf2b656de6ff12dfe73c5fd3b67 git
CNA	Linux	Linux	affected a89ecb6a2ef732d04058d87801e2b6bd7e5c7089 8368ce8eb01f0b91111d814703696e780d0ef12f git
CNA	Linux	Linux	affected a89ecb6a2ef732d04058d87801e2b6bd7e5c7089 1e4baa853f1cc4227e04f52d6860524707cfb294 git
CNA	Linux	Linux	affected a89ecb6a2ef732d04058d87801e2b6bd7e5c7089 ff64c5bfef12461df8450e0f50bb693b5269c720 git
CNA	Linux	Linux	affected 2.6.17
CNA	Linux	Linux	unaffected 2.6.17 semver
CNA	Linux	Linux	unaffected 6.12.83 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.24 6.18.* semver
CNA	Linux	Linux	unaffected 6.19.14 6.19.* semver
CNA	Linux	Linux	unaffected 7.0 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/8368ce8eb01f0b91111d814703696e780d0ef12f	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/aec14808271f2bf2b656de6ff12dfe73c5fd3b67	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/1e4baa853f1cc4227e04f52d6860524707cfb294	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/ff64c5bfef12461df8450e0f50bb693b5269c720	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
CVE Program record	CVE.ORG	www.cve.org	canonica
NVD vulnerability detail	NVD	nvd.nist.gov	canonica

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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