netfilter: ctnetlink: use netlink policy range checks

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Summary

CVE	CVE-2026-31495
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-22 14:16:47 UTC
Updated	2026-04-22 14:16:47 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: netfilter: ctnetlink: use netlink policy range checks Replace

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected c8e2078cfe414a99cf6f2f2f1d78c7e75392e9d4 435b576cd2faa75154777868f8cbb73bf71644d3 git
CNA	Linux	Linux	affected c8e2078cfe414a99cf6f2f2f1d78c7e75392e9d4 2ef71307c86a9f866d6e28f1a0c06e2e9d794474 git
CNA	Linux	Linux	affected c8e2078cfe414a99cf6f2f2f1d78c7e75392e9d4 4f7d25f3f0786402ba48ff7d13b6241d77d975f5 git
CNA	Linux	Linux	affected c8e2078cfe414a99cf6f2f2f1d78c7e75392e9d4 fcec5ce2d73a41668b24e3f18c803541602a59f6 git
CNA	Linux	Linux	affected c8e2078cfe414a99cf6f2f2f1d78c7e75392e9d4 675c913b940488a84effdeeac5a1cfb657b59804 git
CNA	Linux	Linux	affected c8e2078cfe414a99cf6f2f2f1d78c7e75392e9d4 c6cb41eaae875501eaaa487b8db6539feb092292 git
CNA	Linux	Linux	affected c8e2078cfe414a99cf6f2f2f1d78c7e75392e9d4 45c33e79ae705b7af97e3117672b6cd258dd0b1b git
CNA	Linux	Linux	affected c8e2078cfe414a99cf6f2f2f1d78c7e75392e9d4 8f15b5071b4548b0aafc03b366eb45c9c6566704 git
CNA	Linux	Linux	affected 2.6.22
CNA	Linux	Linux	unaffected 2.6.22 semver
CNA	Linux	Linux	unaffected 5.10.253 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.203 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.168 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.131 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.80 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.21 6.18.* semver
CNA	Linux	Linux	unaffected 6.19.11 6.19.* semver
CNA	Linux	Linux	unaffected 7.0 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/4f7d25f3f0786402ba48ff7d13b6241d77d975f5	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/c6cb41eaae875501eaaa487b8db6539feb092292	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/675c913b940488a84effdeeac5a1cfb657b59804	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/fcec5ce2d73a41668b24e3f18c803541602a59f6	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/2ef71307c86a9f866d6e28f1a0c06e2e9d794474	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/45c33e79ae705b7af97e3117672b6cd258dd0b1b	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/435b576cd2faa75154777868f8cbb73bf71644d3	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/8f15b5071b4548b0aafc03b366eb45c9c6566704	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
CVE Program record	CVE.ORG	www.cve.org	canonic
NVD vulnerability detail	NVD	nvd.nist.gov	canonic

No vendor comments have been submitted for this CVE.

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