net: fix fanout UAF in packet_release() via NETDEV_UP race

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

Summary

CVE	CVE-2026-31504
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-22 14:16:49 UTC
Updated	2026-04-22 14:16:49 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: net: fix fanout UAF in packet_release() via NETDEV_UP r

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected ce06b03e60fc19c680d1bf873e779bf11c2fc518 ee642b1962caa9aa231c01abbd58bc453ae6b66e git
CNA	Linux	Linux	affected ce06b03e60fc19c680d1bf873e779bf11c2fc518 42cfd7898eeed290c9fb73f732af1f7d6b0a703e git
CNA	Linux	Linux	affected ce06b03e60fc19c680d1bf873e779bf11c2fc518 1b4c03f8892d955385c202009af7485364731bb9 git
CNA	Linux	Linux	affected ce06b03e60fc19c680d1bf873e779bf11c2fc518 654386baef228c2992dbf604c819e4c7c35fc71b git
CNA	Linux	Linux	affected ce06b03e60fc19c680d1bf873e779bf11c2fc518 75fe6db23705a1d55160081f7b37db9665b1880b git
CNA	Linux	Linux	affected ce06b03e60fc19c680d1bf873e779bf11c2fc518 d0c7cdc15fdf8c4f91aca1928e52295d175b6ec6 git
CNA	Linux	Linux	affected ce06b03e60fc19c680d1bf873e779bf11c2fc518 ceccbfc6de720ad633519a226715989cfb065af1 git
CNA	Linux	Linux	affected ce06b03e60fc19c680d1bf873e779bf11c2fc518 42156f93d123436f2a27c468f18c966b7e5db796 git
CNA	Linux	Linux	affected 3.1
CNA	Linux	Linux	unaffected 3.1 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/42cfd7898eeed290c9fb73f732af1f7d6b0a703e	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/ee642b1962caa9aa231c01abbd58bc453ae6b66e	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/1b4c03f8892d955385c202009af7485364731bb9	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/75fe6db23705a1d55160081f7b37db9665b1880b	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/ceccbfc6de720ad633519a226715989cfb065af1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/d0c7cdc15fdf8c4f91aca1928e52295d175b6ec6	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/654386baef228c2992dbf604c819e4c7c35fc71b	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/42156f93d123436f2a27c468f18c966b7e5db796	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.