bpf: Fix unsound scalar forking in maybe_fork_scalars() for BPF_OR

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Summary

CVE	CVE-2026-31413
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-12 06:16:20 UTC
Updated	2026-04-12 06:16:20 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: bpf: Fix unsound scalar forking in maybe_fork_scalars() fo

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected dea9989a3f3961faede93752cd81eb5a9514d911 342aa1ee995ef5bbf876096dc3a5e51218d76fa4 git
CNA	Linux	Linux	affected 4c122e8ae14950cf6b59d208fc5160f7c601e746 58bd87d0e69204dbd739e4387a1edb0c4b1644e7 gi
CNA	Linux	Linux	affected e52567173ba86dbffb990595fbe60e2e83899372 d13281ae7ea8902b21d99d10a2c8caf0bdec0455 git
CNA	Linux	Linux	affected bffacdb80b93b7b5e96b26fad64cc490a6c7d6c7 c845894ebd6fb43226b3118d6b017942550910c5 git
CNA	Linux	Linux	affected 7.0-rc1
CNA	Linux	Linux	unaffected 7.0-rc1 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-rc5 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/58bd87d0e69204dbd739e4387a1edb0c4b1644e7	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/c845894ebd6fb43226b3118d6b017942550910c5	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/342aa1ee995ef5bbf876096dc3a5e51218d76fa4	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/d13281ae7ea8902b21d99d10a2c8caf0bdec0455	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.

Free CVE JSON API cve.report/api

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