netfilter: nfnetlink_log: fix uninitialized padding leak in NFULA_PAYLOAD

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

Summary

CVE	CVE-2026-31428
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-13 14:16:12 UTC
Updated	2026-04-18 09:16:32 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: netfilter: nfnetlink_log: fix uninitialized padding leak in NFU

Risk And Classification

EPSS: 0.000240000 probability, percentile 0.066100000 (date 2026-04-18)

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected df6fb868d6118686805c2fa566e213a8f31c8e4f 7f3e5d72455936f42709116fabeca3bb216cda62 git
CNA	Linux	Linux	affected df6fb868d6118686805c2fa566e213a8f31c8e4f 21d8efda029948d3666b0db5afcc0d36c0984aae git
CNA	Linux	Linux	affected df6fb868d6118686805c2fa566e213a8f31c8e4f fc961dd7272b5e4a462999635e44a4770d7f2482 git
CNA	Linux	Linux	affected df6fb868d6118686805c2fa566e213a8f31c8e4f a8365d1064ded323797c5e28e91070c52f44b76c git
CNA	Linux	Linux	affected df6fb868d6118686805c2fa566e213a8f31c8e4f a2f6ff3444b663d6cfa63eadd61327a18592885a git
CNA	Linux	Linux	affected df6fb868d6118686805c2fa566e213a8f31c8e4f c9f6c51d36482805ac3ffadb9663fe775a13e926 git
CNA	Linux	Linux	affected df6fb868d6118686805c2fa566e213a8f31c8e4f 7eff72968161fb8ddb26113344de3b92fb7d7ef5 git
CNA	Linux	Linux	affected df6fb868d6118686805c2fa566e213a8f31c8e4f 52025ebaa29f4eb4ed8bf92ce83a68f24ab7fdf7 git
CNA	Linux	Linux	affected 2.6.24
CNA	Linux	Linux	unaffected 2.6.24 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/a2f6ff3444b663d6cfa63eadd61327a18592885a	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/a8365d1064ded323797c5e28e91070c52f44b76c	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/21d8efda029948d3666b0db5afcc0d36c0984aae	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/7f3e5d72455936f42709116fabeca3bb216cda62	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/c9f6c51d36482805ac3ffadb9663fe775a13e926	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/fc961dd7272b5e4a462999635e44a4770d7f2482	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/7eff72968161fb8ddb26113344de3b92fb7d7ef5	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/52025ebaa29f4eb4ed8bf92ce83a68f24ab7fdf7	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.