bpf: Fix stack-out-of-bounds write in devmap

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Summary

CVE	CVE-2026-23359
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-25 11:16:34 UTC
Updated	2026-04-18 09:16:21 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: bpf: Fix stack-out-of-bounds write in devmap get_upper_if

Risk And Classification

EPSS: 0.000320000 probability, percentile 0.090980000 (date 2026-04-18)

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected aeea1b86f9363f3feabb496534d886f082a89f21 88df604f0d16a692867582350ce3f2fcd22243f1 git
CNA	Linux	Linux	affected aeea1b86f9363f3feabb496534d886f082a89f21 5000e40acc8d0c36ab709662e32120986ac22e7e git
CNA	Linux	Linux	affected aeea1b86f9363f3feabb496534d886f082a89f21 8a95fb9df1105b1618872c2846a6c01e3ba20b45 git
CNA	Linux	Linux	affected aeea1b86f9363f3feabb496534d886f082a89f21 d2c31d8e03d05edc16656e5ffe187f0d1da763d7 git
CNA	Linux	Linux	affected aeea1b86f9363f3feabb496534d886f082a89f21 75d474702b2ba8b6bcb26eb3004dbc5e95ffd5d2 git
CNA	Linux	Linux	affected aeea1b86f9363f3feabb496534d886f082a89f21 ca831567908fd3f73cf97d8a6c09a5054697a182 git
CNA	Linux	Linux	affected aeea1b86f9363f3feabb496534d886f082a89f21 b7bf516c3ecd9a2aae2dc2635178ab87b734fef1 git
CNA	Linux	Linux	affected 5.15
CNA	Linux	Linux	unaffected 5.15 semver
CNA	Linux	Linux	unaffected 5.15.203 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.167 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.130 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.77 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.17 6.18.* semver
CNA	Linux	Linux	unaffected 6.19.7 6.19.* semver
CNA	Linux	Linux	unaffected 7.0 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/b7bf516c3ecd9a2aae2dc2635178ab87b734fef1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/88df604f0d16a692867582350ce3f2fcd22243f1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/d2c31d8e03d05edc16656e5ffe187f0d1da763d7	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/8a95fb9df1105b1618872c2846a6c01e3ba20b45	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/ca831567908fd3f73cf97d8a6c09a5054697a182	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/5000e40acc8d0c36ab709662e32120986ac22e7e	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/75d474702b2ba8b6bcb26eb3004dbc5e95ffd5d2	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.