ipv6: fix NULL pointer deref in ip6_rt_get_dev_rcu()

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Summary

CVE	CVE-2026-23304
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-25 11:16:26 UTC
Updated	2026-04-18 09:16:18 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: ipv6: fix NULL pointer deref in ip6_rt_get_dev_rcu() l3mde

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 4832c30d5458387ff2533ff66fbde26ad8bb5a2d d542e2ac7f9e288d49735be0775611547ca4e0ee git
CNA	Linux	Linux	affected 4832c30d5458387ff2533ff66fbde26ad8bb5a2d a73fe9f4ae84a239d5b2686f47a58c158aee2eb4 git
CNA	Linux	Linux	affected 4832c30d5458387ff2533ff66fbde26ad8bb5a2d 4a48fe59f29f673a3d042d679f26629a9c3e29d4 git
CNA	Linux	Linux	affected 4832c30d5458387ff2533ff66fbde26ad8bb5a2d 581800298313c9fd75e94985e6d37d21b7e35d34 git
CNA	Linux	Linux	affected 4832c30d5458387ff2533ff66fbde26ad8bb5a2d 3310fc11fc47387d1dd4759b0bc961643ea11c7f git
CNA	Linux	Linux	affected 4832c30d5458387ff2533ff66fbde26ad8bb5a2d 0b5a7826020706057cc5a9d9009e667027f221ee git
CNA	Linux	Linux	affected 4832c30d5458387ff2533ff66fbde26ad8bb5a2d ae88c8256547b63980770a9ea7be73a15900d27e git
CNA	Linux	Linux	affected 4832c30d5458387ff2533ff66fbde26ad8bb5a2d 2ffb4f5c2ccb2fa1c049dd11899aee7967deef5a git
CNA	Linux	Linux	affected 4.14
CNA	Linux	Linux	unaffected 4.14 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 6.1.167 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/3310fc11fc47387d1dd4759b0bc961643ea11c7f	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/d542e2ac7f9e288d49735be0775611547ca4e0ee	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/4a48fe59f29f673a3d042d679f26629a9c3e29d4	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/0b5a7826020706057cc5a9d9009e667027f221ee	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/2ffb4f5c2ccb2fa1c049dd11899aee7967deef5a	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/581800298313c9fd75e94985e6d37d21b7e35d34	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/ae88c8256547b63980770a9ea7be73a15900d27e	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/a73fe9f4ae84a239d5b2686f47a58c158aee2eb4	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.