



ipv6: avoid overflows in ip6_datagram_send_ctl()

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

CVE	CVE-2026-31415
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-13 14:16:10 UTC
Updated	2026-04-13 15:01:43 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: ipv6: avoid overflows in ip6_datagram_send_ctl() Yiming C

Risk And Classification

EPSS: 0.000300000 probability, percentile 0.084880000 (date 2026-04-15)

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected 333fad5364d6b457c8d837f7d05802d2aaf8a961 0bdaf54d3aaddfe8df29371260fa8d4939b4fd6f git
CNA	Linux	Linux	affected 333fad5364d6b457c8d837f7d05802d2aaf8a961 5e4ee5d5bea134e9257f205e31a96040bed71e83f git
CNA	Linux	Linux	affected 333fad5364d6b457c8d837f7d05802d2aaf8a961 63fda74885555e6bd1623b5d811feec998740ba4 git
CNA	Linux	Linux	affected 333fad5364d6b457c8d837f7d05802d2aaf8a961 9ed81d692758dfb9471d7799b24bfa7a08224c31 git
CNA	Linux	Linux	affected 333fad5364d6b457c8d837f7d05802d2aaf8a961 872b74900d5daa37067ac676d9001bb929fc6a2a git
CNA	Linux	Linux	affected 333fad5364d6b457c8d837f7d05802d2aaf8a961 4e453375561fc60820e6b9d8eb6b3ee177d42e git
CNA	Linux	Linux	affected 2.6.14
CNA	Linux	Linux	unaffected 2.6.14 semver
CNA	Linux	Linux	unaffected 6.1.168 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.134 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.81 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.22 6.18.* semver
CNA	Linux	Linux	unaffected 6.19.12 6.19.* semver
CNA	Linux	Linux	unaffected 7.0 * original_commit_for_fix

References

Reference	Source	Link	Tags
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git.kernel.org/stable/c/0bdaf54d3aaddfe8df29371260fa8d4939b4fd6f	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/4e453375561fc60820e6b9d8eb6b3ee177d42e	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/9ed81d692758dfb9471d7799b24bfa7a08224c31	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/872b74900d5daa37067ac676d9001bb929fc6a2a	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/5e4ee5d5bea134e9257f205e31a96040bed71e83f	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/63fda74885555e6bd1623b5d811feec998740ba4	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.

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