serial: caif: hold tty->link reference in ldisc_open and ser_release

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Summary

CVE	CVE-2026-43458
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-08 15:16:58 UTC
Updated	2026-05-12 14:10:27 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: serial: caif: hold tty->link reference in ldisc_open and ser_

Risk And Classification

EPSS: 0.000240000 probability, percentile 0.070360000 (date 2026-05-12)

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected e31d5a05948e4478ba8396063d1e1f39880928e2 23a3ac2e2262a291498567418227b99e1f3606b1 g
CNA	Linux	Linux	affected e31d5a05948e4478ba8396063d1e1f39880928e2 52135420e9f75853ea0c6cea7b736e3e98495f7d gi
CNA	Linux	Linux	affected e31d5a05948e4478ba8396063d1e1f39880928e2 ca2ceba983bb23ea0202c2882d963253416654a3 g
CNA	Linux	Linux	affected e31d5a05948e4478ba8396063d1e1f39880928e2 8460187b4852fd00bd1c76394358053f3fa4d089 gi
CNA	Linux	Linux	affected e31d5a05948e4478ba8396063d1e1f39880928e2 27e43356d0defb9fc7fa25265219a3ffeb7b3e98 git
CNA	Linux	Linux	affected e31d5a05948e4478ba8396063d1e1f39880928e2 35b58d3bc716ebb9ebd10fe1cac8c1177242511c g
CNA	Linux	Linux	affected e31d5a05948e4478ba8396063d1e1f39880928e2 97a0bb491cae39478c6225381f14e9ac67b7bba7 g
CNA	Linux	Linux	affected e31d5a05948e4478ba8396063d1e1f39880928e2 288598d80a068a0e9281de35bcb4ce495f189e2a g
CNA	Linux	Linux	affected 2.6.35
CNA	Linux	Linux	unaffected 2.6.35 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 6.12.78 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.19 6.18.* semver

CNA	Linux	Linux	unaffected 6.19.9 6.19.* semver
CNA	Linux	Linux	unaffected 7.0 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/27e43356d0defb9fc7fa25265219a3ffeb7b3e98	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/288598d80a068a0e9281de35bcb4ce495f189e2a	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/35b58d3bc716ebb9ebd10fe1cac8c1177242511c	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/23a3ac2e2262a2914985674182 27b99e1f3606b1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/8460187b4852fd00bd1c76394358053f3fa4d089	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/97a0bb491cae39478c6225381f14e9ac67b7bba7	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/52135420e9f75853ea0c6cea7b736e3e98495f7d	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/ca2ceba983bb23ea0202c2882d963253416654a3	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.