



# can: gw: fix OOB heap access in cgw\_csum\_crc8\_rel()

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2026-31570
<b>State</b>	PUBLISHED
<b>Assigner</b>	Linux
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-04-24 15:16:31 UTC
<b>Updated</b>	2026-04-24 17:51:40 UTC

**Description** In the Linux kernel, the following vulnerability has been resolved: can: gw: fix OOB heap access in cgw\_csum\_crc8\_rel()

## Risk And Classification

**EPSS:** 0.000240000 probability, percentile 0.068020000 (date 2026-04-25)

## Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected 456a8a646b2563438c16a9b27decf9aa717f1ebb e7c99348b0612b2bc02d5ce6ff9873261cc7605f git
CNA	Linux	Linux	affected 456a8a646b2563438c16a9b27decf9aa717f1ebb 999ca48d55a8a46da21519db7e834e5867200379 g
CNA	Linux	Linux	affected 456a8a646b2563438c16a9b27decf9aa717f1ebb a025283d7f7404c739225e457fb99db2368bb544 git
CNA	Linux	Linux	affected 456a8a646b2563438c16a9b27decf9aa717f1ebb 54ecdf76a55e75c1f5085e440f8ab671a3283ef5 git
CNA	Linux	Linux	affected 456a8a646b2563438c16a9b27decf9aa717f1ebb c4e8eaa75fa0b6bcbfa5356d6195c4ad0e05e57a git
CNA	Linux	Linux	affected 456a8a646b2563438c16a9b27decf9aa717f1ebb 84f8b76d24273175a22713e83e90874e1880d801 gi
CNA	Linux	Linux	affected 456a8a646b2563438c16a9b27decf9aa717f1ebb 66b689efd08227da2c5ca49b58b30a95d23c695a gi
CNA	Linux	Linux	affected 456a8a646b2563438c16a9b27decf9aa717f1ebb b9c310d72783cc2f30d103eed83920a5a29c671a gi
CNA	Linux	Linux	affected 5.4
CNA	Linux	Linux	unaffected 5.4 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

## References

Reference	Source	Link	Tags
<a href="https://git.kernel.org/stable/c/c4e8eaa75fa0b6bcbfa5356d6195c4ad0e05e57a">git.kernel.org/stable/c/c4e8eaa75fa0b6bcbfa5356d6195c4ad0e05e57a</a>	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	
<a href="https://git.kernel.org/stable/c/84f8b76d24273175a22713e83e90874e1880d801">git.kernel.org/stable/c/84f8b76d24273175a22713e83e90874e1880d801</a>	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	
<a href="https://git.kernel.org/stable/c/66b689efd08227da2c5ca49b58b30a95d23c695a">git.kernel.org/stable/c/66b689efd08227da2c5ca49b58b30a95d23c695a</a>	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	
<a href="https://git.kernel.org/stable/c/54ecd76a55e75c1f5085e440f8ab671a3283ef5">git.kernel.org/stable/c/54ecd76a55e75c1f5085e440f8ab671a3283ef5</a>	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	
<a href="https://git.kernel.org/stable/c/b9c310d72783cc2f30d103eed83920a5a29c671a">git.kernel.org/stable/c/b9c310d72783cc2f30d103eed83920a5a29c671a</a>	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	
<a href="https://git.kernel.org/stable/c/e7c99348b0612b2bc02d5ce6ff9873261cc7605f">git.kernel.org/stable/c/e7c99348b0612b2bc02d5ce6ff9873261cc7605f</a>	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	
<a href="https://git.kernel.org/stable/c/999ca48d55a8a46da21519db7e834e5867200379">git.kernel.org/stable/c/999ca48d55a8a46da21519db7e834e5867200379</a>	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	
<a href="https://git.kernel.org/stable/c/a025283d7f7404c739225e457fb99db2368bb544">git.kernel.org/stable/c/a025283d7f7404c739225e457fb99db2368bb544</a>	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonic
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	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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