



# rpmsg: core: fix race in driver\_override\_show() and use core helper

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

## Summary

|                        |  |
|------------------------|--|
| <b>CVE</b>             | CVE-2025-71274                               |
| <b>State</b>           | PUBLISHED                                    |
| <b>Assigner</b>        | Linux  |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback |
| <b>Published</b>       | 2026-05-06 12:16:27 UTC                      |
| <b>Updated</b>         | 2026-05-12 21:25:11 UTC                      |

**Description** In the Linux kernel, the following vulnerability has been resolved: rpmsg: core: fix race in driver\_override\_show() and use cc

## Risk And Classification

**Primary CVSS:** v3.1 4.7 MEDIUM from nvd@nist.gov

CVSS:3.1/AV:L/AC:H/PR:L/UI:N/S:U/C:N/I:N/A:H

**Problem Types:** CWE-362

## CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

High

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

CVSS:3.1/AV:L/AC:H/PR:L/UI:N/S:U/C:N/I:N/A:H

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor | Product      | Version | Update | Edition | Language |
|------------------|--------|--------------|---------|--------|---------|----------|
| Operating System | Linux  | Linux Kernel | All     | All    | All     | All      |

## Vendor Declared Affected Products

| Source | Vendor | Product | Version  |
|--------|--------|---------|--|
| CNA    | Linux  | Linux   | affected 39e47767ec9b22f844c2a07c9d329256960d4021 392c6b68334aa0e0ae9aba95c0a366bcb0d92f5d g   |
| CNA    | Linux  | Linux   | affected 39e47767ec9b22f844c2a07c9d329256960d4021 d66b8074c555e8abb0ae19eea1c9f3635498bdde g   |
| CNA    | Linux  | Linux   | affected 39e47767ec9b22f844c2a07c9d329256960d4021 47615557447185917afa432b7958f87583c417cb gi  |
| CNA    | Linux  | Linux   | affected 39e47767ec9b22f844c2a07c9d329256960d4021 90c8353f471821d7ccd4fe573a2402e056192494 git |
| CNA    | Linux  | Linux   | affected 39e47767ec9b22f844c2a07c9d329256960d4021 7654e6e3cd6bdee9602f6063b3c670bd556d7e61 g   |
| CNA    | Linux  | Linux   | affected 39e47767ec9b22f844c2a07c9d329256960d4021 2e4a70f3c30910427e5ea848b799066d67b963d5 g   |
| CNA    | Linux  | Linux   | affected 39e47767ec9b22f844c2a07c9d329256960d4021 954557957177c3c13d7c655976665b1170da5e50 c   |
| CNA    | Linux  | Linux   | affected 39e47767ec9b22f844c2a07c9d329256960d4021 42023d4b6d2661a40ee2dcf7e1a3528a35c638ca g   |
| CNA    | Linux  | Linux   | affected 4.18  |
| CNA    | Linux  | Linux   | unaffected 4.18 semver   |
| CNA    | Linux  | Linux   | unaffected 5.10.252 5.10.* semver  |
| CNA    | Linux  | Linux   | unaffected 5.15.202 5.15.* semver  |
| CNA    | Linux  | Linux   | unaffected 6.1.165 6.1.* semver  |
| CNA    | Linux  | Linux   | unaffected 6.6.128 6.6.* semver  |
| CNA    | Linux  | Linux   | unaffected 6.12.75 6.12.* semver   |
| CNA    | Linux  | Linux   | unaffected 6.18.16 6.18.* semver   |
| CNA    | Linux  | Linux   | unaffected 6.19.6 6.19.* semver  |
| CNA    | Linux  | Linux   | unaffected 7.0 * original_commit_for_fix   |

## References

| Reference  | Source                               | Link  | Tags  |
|--|--------------------------------------|---|-------|
| git.kernel.org/stable/c/7654e6e3cd6bdee9602f6063b3c670bd556d7e61 | 416baaa9-dc9f-4396-8d5f-8c081fb06d67 | <a href="https://git.kernel.org/stable/c/7654e6e3cd6bdee9602f6063b3c670bd556d7e61">git.kernel.org</a> | Patch |
| git.kernel.org/stable/c/47615557447185917afa432b7958f87583c417cb | 416baaa9-dc9f-4396-8d5f-8c081fb06d67 | <a href="https://git.kernel.org/stable/c/47615557447185917afa432b7958f87583c417cb">git.kernel.org</a> | Patch |
| git.kernel.org/stable/c/954557957177c3c13d7c655976665b1170da5e50 | 416baaa9-dc9f-4396-8d5f-8c081fb06d67 | <a href="https://git.kernel.org/stable/c/954557957177c3c13d7c655976665b1170da5e50">git.kernel.org</a> | Patch |
| git.kernel.org/stable/c/392c6b68334aa0e0ae9aba95c0a366bcb0d92f5d | 416baaa9-dc9f-4396-8d5f-8c081fb06d67 | <a href="https://git.kernel.org/stable/c/392c6b68334aa0e0ae9aba95c0a366bcb0d92f5d">git.kernel.org</a> | Patch |
| git.kernel.org/stable/c/d66b8074c555e8abb0ae19eea1c9f3635498bdde | 416baaa9-dc9f-4396-8d5f-8c081fb06d67 | <a href="https://git.kernel.org/stable/c/d66b8074c555e8abb0ae19eea1c9f3635498bdde">git.kernel.org</a> | Patch |
| git.kernel.org/stable/c/90c8353f471821d7ccd4fe573a2402e056192494 | 416baaa9-dc9f-4396-8d5f-8c081fb06d67 | <a href="https://git.kernel.org/stable/c/90c8353f471821d7ccd4fe573a2402e056192494">git.kernel.org</a> | Patch |
| git.kernel.org/stable/c/42023d4b6d2661a40ee2dcf7e1a3528a35c638ca | 416baaa9-dc9f-4396-8d5f-8c081fb06d67 | <a href="https://git.kernel.org/stable/c/42023d4b6d2661a40ee2dcf7e1a3528a35c638ca">git.kernel.org</a> | Patch |
| git.kernel.org/stable/c/2e4a70f3c30910427e5ea848b799066d67b963d5 | 416baaa9-dc9f-4396-8d5f-8c081fb06d67 | <a href="https://git.kernel.org/stable/c/2e4a70f3c30910427e5ea848b799066d67b963d5">git.kernel.org</a> | Patch |

|                          |         |  |         |
|--------------------------|---------|--|---------|
| CVE Program record       | CVE.ORG | <a href="http://www.cve.org">www.cve.org</a>   | canonic |
| NVD vulnerability detail | NVD     | <a href="http://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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