



# ptr\_ring: do not block hard interrupts in ptr\_ring\_resize\_multiple()

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

## Summary

<b>CVE</b>	CVE-2024-57994
<b>State</b>	PUBLISHED
<b>Assigner</b>	Linux
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2025-02-27 02:15:13 UTC
<b>Updated</b>	2026-04-06 13:38:29 UTC

**Description** In the Linux kernel, the following vulnerability has been resolved: ptr\_ring: do not block hard interrupts in ptr\_ring\_resize\_m

## Risk And Classification

**Primary CVSS:** v3.1 5.5 MEDIUM from nvd@nist.gov

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

**Problem Types:** CWE-667

## CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

CVSS:3.1/AV:L/AC:L/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 ff4e538c8c3e675a15e1e49509c55951832e0451 572777a258c048e0d0fb3a0c47430eadcefe80c0 git
CNA	Linux	Linux	affected ff4e538c8c3e675a15e1e49509c55951832e0451 3257dac521d0ac6653108c755141dce634bb8ff2 git
CNA	Linux	Linux	affected ff4e538c8c3e675a15e1e49509c55951832e0451 e74801b7628dc52b17471aec729bc675479ddc73 gi
CNA	Linux	Linux	affected ff4e538c8c3e675a15e1e49509c55951832e0451 a126061c80d5efb4baef4bcf346094139cd81df6 git
CNA	Linux	Linux	affected 6.6
CNA	Linux	Linux	unaffected 6.6 semver
CNA	Linux	Linux	unaffected 6.6.123 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.13 6.12.* semver
CNA	Linux	Linux	unaffected 6.13.2 6.13.* semver
CNA	Linux	Linux	unaffected 6.14 * original_commit_for_fix

## References

Reference	Source	Link	Tags
git.kernel.org/stable/c/3257dac521d0ac6653108c755141dce634bb8ff2	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
git.kernel.org/stable/c/e74801b7628dc52b17471aec729bc675479ddc73	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
git.kernel.org/stable/c/572777a258c048e0d0fb3a0c47430eadcefe80c0	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
git.kernel.org/stable/c/a126061c80d5efb4baef4bcf346094139cd81df6	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
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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