



RDMA/cma: Allow UD qp_type to join multicast only

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

Summary

CVE	CVE-2023-53525
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-10-01 12:15:57 UTC
Updated	2026-04-06 13:23:37 UTC

Description In the Linux kernel, the following vulnerability has been resolved: RDMA/cma: Allow UD qp_type to join multicast only As fo

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-908

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 b5de0c60cc30c2a3513c7188c73f3f29acc29234 ae11498851423d6de27aebfe12a5ee85060ab1d5 git
CNA	Linux	Linux	affected b5de0c60cc30c2a3513c7188c73f3f29acc29234 48e8e7851dc0b1584d83817a78fc7108c8904b54 git
CNA	Linux	Linux	affected b5de0c60cc30c2a3513c7188c73f3f29acc29234 02eabb635bc64bd1e3a7cf887d6d182bffb64b99 git
CNA	Linux	Linux	affected b5de0c60cc30c2a3513c7188c73f3f29acc29234 bb18b9dbac2bbdf7695e0bfaac4bf944ff7b207d git
CNA	Linux	Linux	affected b5de0c60cc30c2a3513c7188c73f3f29acc29234 58e84f6b3e84e46524b7e5a916b53c1ad798bc8f git
CNA	Linux	Linux	affected b8d1adbf983be0b54f61c9a4169609d7fab0620 git
CNA	Linux	Linux	affected feed39c8d1282279fcb30612aa0e8d2635c11280 git
CNA	Linux	Linux	affected 5.10
CNA	Linux	Linux	unaffected 5.10 semver
CNA	Linux	Linux	unaffected 5.10.178 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.108 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.25 6.1.* semver
CNA	Linux	Linux	unaffected 6.2.12 6.2.* semver
CNA	Linux	Linux	unaffected 6.3 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/02eabb635bc64bd1e3a7cf887d6d182bffb64b99	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/bb18b9dbac2bbdf7695e0bfaac4bf944ff7b207d	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/48e8e7851dc0b1584d83817a78fc7108c8904b54	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/58e84f6b3e84e46524b7e5a916b53c1ad798bc8f	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/ae11498851423d6de27aebfe12a5ee85060ab1d5	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
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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