



RDMA/umad: Reject negative data_len in ib_umad_write

[MITRE](#)

[NVD](#)

[CVE.ORG](#)

[JSON API](#)

[Print: PDF](#)

Summary

CVE	CVE-2026-23243
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-18 11:16:16 UTC
Updated	2026-04-02 15:16:26 UTC

Description In the Linux kernel, the following vulnerability has been resolved: RDMA/umad: Reject negative data_len in ib_umad_write i

Risk And Classification

Primary CVSS: v3.1 7.8 HIGH from 416baaa9-dc9f-4396-8d5f-8c081fb06d67

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

EPSS: 0.000130000 probability, percentile 0.023200000 (date 2026-04-07)

Version	Source	Type	Score	Severity	Vector
3.1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	Secondary	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	DECLARED	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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



Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected 2be8e3ee8efd6f99ce454115c29d09750915021a 1371ef6b1ecf3676b8942f5dfb3634fb0648128e git
CNA	Linux	Linux	affected 2be8e3ee8efd6f99ce454115c29d09750915021a 362e45fd9069ffa1523f9f1633b606ebf72060d7 git
CNA	Linux	Linux	affected 2be8e3ee8efd6f99ce454115c29d09750915021a 6eb2919474ca105c5b13d19574e25f0ddcf19ca2 git
CNA	Linux	Linux	affected 2be8e3ee8efd6f99ce454115c29d09750915021a a6a3e4af10993cb9e4b8f0548680aba0ab5f3b0d git
CNA	Linux	Linux	affected 2be8e3ee8efd6f99ce454115c29d09750915021a 9c80d688f402539dfc8f336de1380d6b4ee14316 git
CNA	Linux	Linux	affected 2be8e3ee8efd6f99ce454115c29d09750915021a 205955f29c26330b1dc7fdeadd5bb97c38e26f56 git
CNA	Linux	Linux	affected 2be8e3ee8efd6f99ce454115c29d09750915021a 52ab82cc5cf8ada5c3fb6ffe8f32fdb2fc27a34b git
CNA	Linux	Linux	affected 2be8e3ee8efd6f99ce454115c29d09750915021a 5551b02fdbfd85a325bb857f3a8f9c9f33397ed2 git
CNA	Linux	Linux	affected 2.6.24
CNA	Linux	Linux	unaffected 2.6.24 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 6.18.14 6.18.* semver
CNA	Linux	Linux	unaffected 6.19.4 6.19.* semver
CNA	Linux	Linux	unaffected 7.0-rc1 * original_commit_for_fix



References

Reference	Source	Link	Tags
git.kernel.org/stable/c/5551b02fdbfd85a325bb857f3a8f9c9f33397ed2	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/a6a3e4af10993cb9e4b8f0548680aba0ab5f3b0d	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/205955f29c26330b1dc7fdeadd5bb97c38e26f56	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/52ab82cc5cf8ada5c3fb6ffe8f32fdb2fc27a34b	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/9c80d688f402539dfc8f336de1380d6b4ee14316	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/362e45fd9069ffa1523f9f1633b606ebf72060d7	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/1371ef6b1ecf3676b8942f5dfb3634fb0648128e	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/6eb2919474ca105c5b13d19574e25f0ddcf19ca2	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	

CVE Program record	CVE.ORG	www.cve.org	canonica
NVD vulnerability detail	NVD	nvd.nist.gov	canonica

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.