



# nbid: fix incomplete validation of ioctl arg

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

## Summary

<b>CVE</b>	CVE-2023-53513
<b>State</b>	PUBLISHED
<b>Assigner</b>	Linux
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2025-10-01 12:15:55 UTC
<b>Updated</b>	2026-04-06 14:45:48 UTC

**Description** In the Linux kernel, the following vulnerability has been resolved: nbid: fix incomplete validation of ioctl arg We tested and 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-674

## 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 b9c495bb6d8edc719fd23af2ac67de8303cfc1e8 52851d0c3354b397c11d31dfeb8b2a2fc85a0002 git
CNA	Linux	Linux	affected b9c495bb6d8edc719fd23af2ac67de8303cfc1e8 fab766c8a1aff715bce7075aab40e780266f8e1a git
CNA	Linux	Linux	affected b9c495bb6d8edc719fd23af2ac67de8303cfc1e8 ffb75ffaa68723276365d0f9d00b03362b750657 git
CNA	Linux	Linux	affected b9c495bb6d8edc719fd23af2ac67de8303cfc1e8 55793ea54d77719a071b1ccc05a05056e3b5e009 git
CNA	Linux	Linux	affected 4.1
CNA	Linux	Linux	unaffected 4.1 semver
CNA	Linux	Linux	unaffected 5.15.113 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.30 6.1.* semver
CNA	Linux	Linux	unaffected 6.3.4 6.3.* semver
CNA	Linux	Linux	unaffected 6.4 * original_commit_for_fix

## References

Reference	Source	Link	Tags
git.kernel.org/stable/c/52851d0c3354b397c11d31dfeb8b2a2fc85a0002	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org/stable/c/52851d0c3354b397c11d31dfeb8b2a2fc85a0002">git.kernel.org</a>	Patch
git.kernel.org/stable/c/ffb75ffaa68723276365d0f9d00b03362b750657	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org/stable/c/ffb75ffaa68723276365d0f9d00b03362b750657">git.kernel.org</a>	Patch
git.kernel.org/stable/c/fab766c8a1aff715bce7075aab40e780266f8e1a	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org/stable/c/fab766c8a1aff715bce7075aab40e780266f8e1a">git.kernel.org</a>	Patch
git.kernel.org/stable/c/55793ea54d77719a071b1ccc05a05056e3b5e009	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org/stable/c/55793ea54d77719a071b1ccc05a05056e3b5e009">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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