



# kernel\_\_liteos\_\_a has an integer overflow vulnerability

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

## Summary

|                        |  |
|------------------------|--|
| <b>CVE</b>             | CVE-2026-27781   |
| <b>State</b>           | PUBLISHED  |
| <b>Assigner</b>        | OpenHarmony  |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                             |
| <b>Published</b>       | 2026-05-19 04:16:28 UTC  |
| <b>Updated</b>         | 2026-05-19 04:16:28 UTC  |
| <b>Description</b>     | in OpenHarmony v6.0 and prior versions allow a local attacker cause DOS. |

## Risk And Classification

**Primary CVSS:** v3.1 3.3 LOW from scy@openharmony.io

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

**Problem Types:** CWE-190 | CWE-190 CWE-190 Integer overflow or wraparound

| Version | Source             | Type      | Score | Severity | Vector                                       |
|---------|--------------------|-----------|-------|----------|--|
| 3.1     | scy@openharmony.io | Secondary | 3.3   | LOW      | CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:L |
| 3.1     | CNA                | CVSS      | 3.3   | LOW      | CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:L |

## CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

Low

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

#### Vendor Declared Affected Products

| Source | Vendor                      | Product                     | Version                     | Platforms     |
|--------|-----------------------------|-----------------------------|-----------------------------|---------------|
| CNA    | <a href="#">OpenHarmony</a> | <a href="#">OpenHarmony</a> | affected v5.0.3 v6.0 custom | Not specified |

#### References

| Reference   | Source   | Link  | Tags                |
|---|--|---|---------------------|
| <a href="https://gitcode.com/openharmony/security/tree/master/zh/security-disclosure/2026/...">gitcode.com/openharmony/security/tree/master/zh/security-disclosure/2026/...</a> | <a href="mailto:scy@openharmony.io">scy@openharmony.io</a> | <a href="https://gitcode.com">gitcode.com</a>   |                     |
| CVE Program record  | CVE.ORG  | <a href="https://www.cve.org">www.cve.org</a>   | canonical           |
| NVD vulnerability detail  | NVD  | <a href="https://nvd.nist.gov">nvd.nist.gov</a> | canonical, analysis |

No vendor comments have been submitted for this CVE.

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

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