



# libcaca: Heap OOB write in canvas import functions caused by int overflow

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## Summary

<b>CVE</b>	CVE-2026-42046
<b>State</b>	PUBLISHED
<b>Assigner</b>	GitHub_M
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-05-11 22:22:11 UTC
<b>Updated</b>	2026-05-12 14:17:04 UTC
<b>Description</b>	libcaca is a colour ASCII art library. In 0.99.beta20 and earlier, an integer overflow vulnerability in libcaca's canvas import fu

## Risk And Classification

**Primary CVSS:** v3.1 7.8 HIGH from security-advisories@github.com

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

**EPSS:** 0.000630000 probability, percentile 0.196150000 (date 2026-05-12)

**Problem Types:** CWE-122 | CWE-190 | CWE-787 | CWE-122 CWE-122: Heap-based Buffer Overflow | CWE-190 CWE-190: Integer Overflow or Wraparound | CWE-787 CWE-787: Out-of-bounds Write

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H
3.1	CNA	DECLARED	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H

## CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	<a href="#">Cacalabs</a>	<a href="#">Libcaca</a>	affected <= 0.99.beta20	Not specified

### References

Reference	Source	Link
<a href="https://github.com/cacalabs/libcaca/commit/fb77acff9ba6bb01d53940da34fb10f20b156a23">github.com/cacalabs/libcaca/commit/fb77acff9ba6bb01d53940da34fb10f20b156a23</a>	<a href="mailto:security-advisories@github.com">security-advisories@github.com</a>	<a href="https://github.com">github.com</a>
<a href="https://github.com/cacalabs/libcaca/issues/86">github.com/cacalabs/libcaca/issues/86</a>	<a href="mailto:security-advisories@github.com">security-advisories@github.com</a>	<a href="https://github.com">github.com</a>
<a href="https://github.com/cacalabs/libcaca/security/advisories/GHSA-4vvg-vrqv-m56w">github.com/cacalabs/libcaca/security/advisories/GHSA-4vvg-vrqv-m56w</a>	134c704f-9b21-4f2e-91b3-4a467353bcc0	<a href="https://github.com">github.com</a>
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

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

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