VDB-354645 · CVE-2026-5313 · GCVE-100-354645

NOTHINGS STB UP TO 2.30 GIF DECODER STB_IMAGE.H STBI__GIF_LOAD_NEXT DENIAL OF SERVICE

CVSS Meta Temp Score	Current Exploit Price (≈)	CTI Interest Score
3.9	$0-$5k	1.30

Summary

A vulnerability marked as problematic has been reported in Nothings stb up to 2.30. Impacted is the function `stbi__gif_load_next` in the library *stb_image.h* of the component *GIF Decoder*. Performing a manipulation results in denial of service. This vulnerability is known as CVE-2026-5313. Remote exploitation of the attack is possible. Furthermore, an exploit is available. The vendor was contacted early about this disclosure but did not respond in any way.

Details

A vulnerability classified as problematic has been found in Nothings stb up to 2.30. This affects the function `stbi__gif_load_next` in the library *stb_image.h* of the component *GIF Decoder*. The manipulation with an unknown input leads to a denial of service vulnerability. CWE is classifying the issue as CWE-404. The product does not release or incorrectly releases a resource before it is made available for re-use. This is going to have an impact on availability.

This vulnerability is uniquely identified as CVE-2026-5313. The exploitability is told to be easy. It is possible to initiate the attack remotely. No form of authentication is needed for exploitation. It demands that the victim is doing some kind of user interaction. Technical details and a public exploit are known. MITRE ATT&CK project uses the attack technique T1499 for this issue.

It is declared as proof-of-concept. The vendor was contacted early about this disclosure but did not respond in any way.

There is no information about possible countermeasures known. It may be suggested to replace the affected object with an alternative product.

Similar entries are available at VDB-182687, VDB-243094 and VDB-354253.

Product

Vendor

- Nothings

Name

- stb

Version

- 2.0
- 2.1
- 2.2
- 2.3
- 2.4
- 2.5
- 2.6
- 2.7
- 2.8
- 2.9
- 2.10
- 2.11
- 2.12
- 2.13

CPE 2.3

- 🔒
- 🔒
- 🔒

CPE 2.2

- 🔒
- 🔒
- 🔒

CVSSv4

VulDB Vector: 🔒
VulDB Reliability: 🔍

CVSSv3

VulDB Meta Base Score: 4.3
VulDB Meta Temp Score: 3.9

VulDB Base Score: 4.3
VulDB Temp Score: 3.9
VulDB Vector: 🔒
VulDB Reliability: 🔍

CVSSv2

VulDB Base Score: 🔒
VulDB Temp Score: 🔒
VulDB Reliability: 🔍

Exploiting

Class: Denial of service
CWE: CWE-404
CAPEC: 🔒
ATT&CK: 🔒

Physical: No
Local: No
Remote: Yes

Availability: 🔒
Access: Public
Status: Proof-of-Concept
Price Prediction: 🔍
Current Price Estimation: 🔒

Threat Intelligence

Interest: 🔍
Active Actors: 🔍
Active APT Groups: 🔍

Countermeasures

Recommended: no mitigation known
Status: 🔍

0-Day Time: 🔒

Timeline

04/01/2026		Advisory disclosed
04/01/2026	+0 days	VulDB entry created
04/01/2026	+0 days	VulDB entry last update

Sources

Status: Not defined

CVE: CVE-2026-5313 (🔒)
GCVE (CVE): GCVE-0-2026-5313
GCVE (VulDB): GCVE-100-354645
scip Labs: https://www.scip.ch/en/?labs.20161013
See also: 🔒

Entry

Created: 04/01/2026 02:45 PM
Changes: 04/01/2026 02:45 PM (55)
Complete: 🔍
Submitter: d0razi
Cache ID: 132:675:179

Submit

Accepted

- Submit #780462: nothings stb ≤ 2.30 (latest) Use After Free (by d0razi)

Discussion

No comments yet. Languages: en.

Please log in to comment.