



VDB-354648 · CVE-2026-5316 · GCVE-100-354648

NOTHINGS STB UP TO 1.22 STB_VORBIS.C SETUP_FREE ALLOCATION OF RESOURCES

CVSS Meta Temp Score (C)

3.9

Current Exploit Price (€)

\$0-\$5k

CTI Interest Score (C)

1.13-

Summary

A vulnerability classified as [problematic](#) was found in [Nothings stb up to 1.22](#). This affects the function `setup_free` of the file `stb_vorbis.c`. The manipulation results in allocation of resources. This vulnerability was named [CVE-2026-5316](#). The attack may be performed from remote. In addition, an exploit is available. The vendor was contacted early about this disclosure but did not respond in any way.

Details

A vulnerability, which was classified as [problematic](#), was found in [Nothings stb up to 1.22](#). Affected is the function `setup_free` of the file `stb_vorbis.c`. The manipulation with an unknown input leads to a allocation of resources vulnerability. CWE is classifying the issue as [CWE-770](#). The product allocates a reusable resource or group of resources on behalf of an actor without imposing any restrictions on the size or number of resources that can be allocated, in violation of the intended security policy for that actor. This is going to have an impact on availability.

The advisory is shared for download at [gist.github.com](#). This vulnerability is traded as [CVE-2026-5316](#). The exploitability is told to be easy. It is possible to launch the attack remotely. The exploitation doesn't require any form of authentication. Successful exploitation requires user interaction by the victim. Technical details and a public exploit are known. The MITRE ATT&CK project declares the attack technique as [T1499](#).

The exploit is shared for download at [gist.github.com](#). 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.

See [VDB-354649](#) for similar entry.

Product

Vendor

- [Nothings](#)




Name

- [stb](#)


Version

- [1.0](#)
- [1.1](#)
- [1.2](#)
- [1.3](#)
- [1.4](#)
- [1.5](#)
- [1.6](#)
- [1.7](#)
- [1.8](#)
- [1.9](#)
- [1.10](#)
- [1.11](#)
- [1.12](#)
- [1.13](#)
- [1.14](#)

CPE 2.3

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- 
- 

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: Allocation of resources

CWE: [CWE-770](#) / [CWE-400](#) / [CWE-404](#)

CAPEC: 

ATT&CK: 

Physical: No

Local: No


Remote: Yes

Availability: 

Access: Public

Status: Proof-of-Concept

Download: 

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

Advisory: gist.github.com

Status: Not defined

CVE: [CVE-2026-5316](#) (🗝️)

GCVE (CVE): [GCVE-0-2026-5316](#)

GCVE (VulDB): [GCVE-100-354648](#)

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 (56)

Complete: 🔍

Submitter: [d0razi](#)

Cache ID: 52:1FB:179

Submit

Accepted

- [Submit #780560](#): nothings stb (stb_vorbis.c) ≤ 1.22 Free of Pointer not at Start of Buffer (by d0razi)

Discussion

No comments yet. Languages: en.

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