VDB-354646 · CVE-2026-5314 · GCVE-100-354646

NOTHINGS STB UP TO 1.26 TTF FILE STB_TRUETYPE.H STBTT_INITFONT_INTERNAL OUT-OF-BOUNDS

CVSS Meta Temp Score	Current Exploit Price (≈)	CTI Interest Score
3.9	$0-$5k	1.31

Summary

A vulnerability described as problematic has been identified in Nothings stb up to 1.26. The affected element is the function `stbtt_InitFont_internal` in the library *stb_truetype.h* of the component *TTF File Handler*. Executing a manipulation can lead to out-of-bounds. This vulnerability is handled as CVE-2026-5314. The attack can be executed remotely. Additionally, an exploit exists. The vendor was contacted early about this disclosure but did not respond in any way.

Details

A vulnerability classified as problematic was found in Nothings stb up to 1.26. This vulnerability affects the function `stbtt_InitFont_internal` in the library *stb_truetype.h* of the component *TTF File Handler*. The manipulation with an unknown input leads to a out-of-bounds vulnerability. The CWE definition for the vulnerability is CWE-125. The product reads data past the end, or before the beginning, of the intended buffer. As an impact it is known to affect availability.

The advisory is available at gist.github.com. This vulnerability was named CVE-2026-5314. The exploitation appears to be easy. The attack can be initiated remotely. No form of authentication is required for a successful exploitation. Successful exploitation requires user interaction by the victim. Technical details and also a public exploit are known.

It is possible to download the exploit 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.

Entry connected to this vulnerability is available at VDB-354647.

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

- 🔒
- 🔒
- 🔒

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: Out-of-bounds
CWE: CWE-125 / CWE-119
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-2026-5314 (🔒)
GCVE (CVE): GCVE-0-2026-5314
GCVE (VulDB): GCVE-100-354646
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 (57)
Complete: 🔍
Submitter: d0razi
Cache ID: 52:909:179

Submit

Accepted

- Submit #780558: nothings stb (stb_truetype.h) ≤ 1.26 Out-of-Bounds Read (by d0razi)

Discussion

No comments yet. Languages: en.

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