



# Nothings stb Multi-frame GIF File stb\_image.h stbi\_\_load\_gif\_main double free

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

## Summary

<b>CVE</b>	CVE-2026-5186
<b>State</b>	PUBLISHED
<b>Assigner</b>	VulDB
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-03-31 08:15:54 UTC
<b>Updated</b>	2026-04-01 14:24:02 UTC
<b>Description</b>	A weakness has been identified in Nothings stb up to 2.30. This impacts the function stbi__load_gif_main of the file stb_image.h

## Risk And Classification

**Primary CVSS:** v4.0 4.8 MEDIUM from cna@vuldb.com

CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:L/VI:L/VA:L/SC:N/SI:N/SA:N/E:P/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

**EPSS:** 0.000120000 probability, percentile 0.015960000 (date 2026-04-01)

**Problem Types:** CWE-119 | CWE-415 | CWE-415 Double Free | CWE-119 Memory Corruption

Version	Source	Type	Score	Severity	Vector
4.0	cna@vuldb.com	Secondary	4.8	MEDIUM	CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:L/VI:L/VA:L/SC:N/SI:N/SA:N/E:P/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X
4.0	CNA	DECLARED	4.8	MEDIUM	CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:L/VI:L/VA:L/SC:N/SI:N/SA:N/E:P/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X
3.1	cna@vuldb.com	Primary	5.3	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:L
3.1	CNA	DECLARED	5.3	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:L/E:P/RL:X/RC:R
3.0	CNA	DECLARED	5.3	MEDIUM	CVSS:3.0/AV:L/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:L/E:P/RL:X/RC:R
2.0	cna@vuldb.com	Secondary	4.3		AV:L/AC:L/Au:S/C:P/I:P/A:P
2.0	CNA	DECLARED	4.3		AV:L/AC:L/Au:S/C:P/I:P/A:P/E:POC/RL:ND/RC:UR

## CVSS v4.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Attack Requirements

None

Privileges Required

Low

User Interaction

None

Confidentiality

Low

Integrity

Low

Availability

Low

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:L/VI:L/VA:L/SC:N/SI:N/SA:N/E:P/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MS:C:X/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

### CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

Low

Integrity

Low

Availability

Low

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

### CVSS v3.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

Low

Integrity

Low

Availability

Low

CVSS:3.0/AV:L/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:L/E:P/RL:X/RC:R

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Nothings	Stb	affected 2.0	Not specified
CNA	Nothings	Stb	affected 2.1	Not specified
CNA	Nothings	Stb	affected 2.2	Not specified
CNA	Nothings	Stb	affected 2.3	Not specified
CNA	Nothings	Stb	affected 2.4	Not specified
CNA	Nothings	Stb	affected 2.5	Not specified
CNA	Nothings	Stb	affected 2.6	Not specified
CNA	Nothings	Stb	affected 2.7	Not specified
CNA	Nothings	Stb	affected 2.8	Not specified
CNA	Nothings	Stb	affected 2.9	Not specified
CNA	Nothings	Stb	affected 2.10	Not specified
CNA	Nothings	Stb	affected 2.11	Not specified
CNA	Nothings	Stb	affected 2.12	Not specified
CNA	Nothings	Stb	affected 2.13	Not specified
CNA	Nothings	Stb	affected 2.14	Not specified
CNA	Nothings	Stb	affected 2.15	Not specified
CNA	Nothings	Stb	affected 2.16	Not specified
CNA	Nothings	Stb	affected 2.17	Not specified
CNA	Nothings	Stb	affected 2.18	Not specified

CNA	Findings	CVSS	affected CVEs	Not specified
CNA	Nothings	Stb	affected 2.19	Not specified
CNA	Nothings	Stb	affected 2.20	Not specified
CNA	Nothings	Stb	affected 2.21	Not specified
CNA	Nothings	Stb	affected 2.22	Not specified
CNA	Nothings	Stb	affected 2.23	Not specified
CNA	Nothings	Stb	affected 2.24	Not specified
CNA	Nothings	Stb	affected 2.25	Not specified
CNA	Nothings	Stb	affected 2.26	Not specified
CNA	Nothings	Stb	affected 2.27	Not specified
CNA	Nothings	Stb	affected 2.28	Not specified
CNA	Nothings	Stb	affected 2.29	Not specified
CNA	Nothings	Stb	affected 2.30	Not specified

## References

Reference	Source	Link	Tags
<a href="https://vuldb.com/vuln/354254">vuldb.com/vuln/354254</a>	<a href="mailto:cna@vuldb.com">cna@vuldb.com</a>	<a href="https://vuldb.com">vuldb.com</a>	
<a href="https://vuldb.com/vuln/354254/cti">vuldb.com/vuln/354254/cti</a>	<a href="mailto:cna@vuldb.com">cna@vuldb.com</a>	<a href="https://vuldb.com">vuldb.com</a>	
<a href="https://vuldb.com/submit/780395">vuldb.com/submit/780395</a>	<a href="mailto:cna@vuldb.com">cna@vuldb.com</a>	<a href="https://vuldb.com">vuldb.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

## Vendor Comments And Credit

### Discovery Credit

**CNA:** d0razi (VulDB User) (en)

**CNA:** VulDB (en)

## Additional Advisory Data

Source	Time	Event
CNA	2026-03-30T00:00:00.000Z	Advisory disclosed
CNA	2026-03-30T02:00:00.000Z	VulDB entry created
CNA	2026-03-30T21:23:49.000Z	VulDB entry last update

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

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