



MrNanko webp4j gif_decoder.c

DecodeGifFromMemory integer overflow

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

Summary

CVE	CVE-2026-3707
State	PUBLISHED
Assigner	VulDB
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-08 05:16:32 UTC
Updated	2026-04-22 21:27:27 UTC
Description	A vulnerability was identified in MrNanko webp4j up to 1.3.x. The affected element is the function DecodeGifFromMemory c

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: 0.000170000 probability, percentile 0.039710000 (date 2026-04-22)

Problem Types: CWE-189 | CWE-190 | CWE-190 Integer Overflow | CWE-189 Numeric Error

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/C...
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
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:O/RC:C
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:O/RC:C
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:OF/RC:C

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/MSX/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:O/RC:C

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	MrNanko	Webp4j	affected 1.0	Not specified
CNA	MrNanko	Webp4j	affected 1.1	Not specified
CNA	MrNanko	Webp4j	affected 1.2	Not specified
CNA	MrNanko	Webp4j	affected 1.3	Not specified

References

Reference	Source	Link	Tags
github.com/Sp1d3rL1/Webp4j-Heap-Buffer-Overflow/blob/main/README.EN.md	cna@vuldb.com	github.com	
vuldb.com	cna@vuldb.com	vuldb.com	
github.com/MrNanko/webp4j/issues/6	cna@vuldb.com	github.com	
vuldb.com	cna@vuldb.com	vuldb.com	
vuldb.com	cna@vuldb.com	vuldb.com	
github.com/MrNanko/webp4j	cna@vuldb.com	github.com	
github.com/MrNanko/webp4j/commit/89771b201c66d15d29e4cc016d8aae82b6a5fbe1	cna@vuldb.com	github.com	
github.com/MrNanko/webp4j/issues/6	cna@vuldb.com	github.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

Vendor Comments And Credit

Discovery Credit

CNA: sp1d3r (VulDB User) (en)

Additional Advisory Data

Source	Time	Event
CNA	2026-03-07T00:00:00.000Z	Advisory disclosed
CNA	2026-03-07T01:00:00.000Z	VulDB entry created
CNA	2026-03-07T10:14:55.000Z	VulDB entry last update

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

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