



libvips extract.c vips_extract_area_build integer overflow

[MITRE](#)

[NVD](#)

[CVE.ORG](#)

[JSON API](#)

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Summary

CVE	CVE-2026-3284
State	PUBLISHED
Assigner	VulDB
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-02-27 03:16:03 UTC
Updated	2026-04-29 01:00:01 UTC
Description	A vulnerability was found in libvips 8.19.0. Impacted is the function vips_extract_area_build of the file libvips/conversion/ext



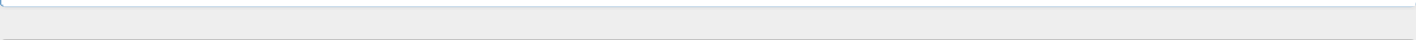
Risk And Classification

Primary CVSS: v4.0 1.9 LOW from cna@vulldb.com

CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:N/VI:N/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

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

Version	Source	Type	Score	Severity	Vector
4.0	cna@vulldb.com	Secondary	1.9	LOW	CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:N/VI:N/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:N/VI:N/VA:L/SC:N/SI:N/SA:N/E:P
3.1	nvd@nist.gov	Primary	5.5	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H
3.1	cna@vulldb.com	Secondary	3.3	LOW	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:L
3.1	CNA	DECLARED	3.3	LOW	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:L/E:P/RL:O/RC:C
3.0	CNA	DECLARED	3.3	LOW	CVSS:3.0/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:L/E:P/RL:O/RC:C
2.0	cna@vulldb.com	Secondary	1.7		AV:L/AC:L/Au:S/C:N/I:N/A:P
2.0	CNA	DECLARED	1.7		AV:L/AC:L/Au:S/C:N/I:N/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

None

Integrity

None

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:N/VI:N/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: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

None

Integrity

None

Availability

High

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

CVSS v3.0 Breakdown

Attack Vector

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

Low

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



NVD Known Affected Configurations (CPE 2.3)

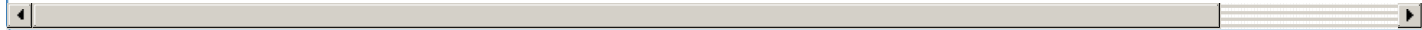
Type	Vendor	Product	Version	Update	Edition	Language
Application	Libvips	Libvips	8.19.0	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	Libvips	affected 8.19.0	Not specified

References

Reference	Source	Link	Tags
github.com/libvips/libvips/issues/4879	cna@vuldb.com	github.com	Exploit, Issue Tracking,
github.com/libvips/libvips/pull/4887	cna@vuldb.com	github.com	Issue Tracking, Patch
github.com/libvips/libvips/issues/4879	cna@vuldb.com	github.com	Exploit, Issue Tracking,
github.com/libvips/libvips	cna@vuldb.com	github.com	Product
vuldb.com	cna@vuldb.com	vuldb.com	Third Party Advisory, VI
vuldb.com	cna@vuldb.com	vuldb.com	Permissions Required, '
github.com/libvips/libvips/commit/24795bb3d19d84f7b6f5ed86451ad556c8f2fe70	cna@vuldb.com	github.com	Patch
vuldb.com	cna@vuldb.com	vuldb.com	Third Party Advisory, VI
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis



Vendor Comments And Credit

Vendor Comments And Credit		
Discovery Credit		
CNA: Niebelungen (VulDB User) (en)		
Additional Advisory Data		
Source	Time	Event
CNA	2026-02-26T00:00:00.000Z	Advisory disclosed
CNA	2026-02-26T01:00:00.000Z	VulDB entry created
CNA	2026-02-26T17:38:18.000Z	VulDB entry last update
There are currently no legacy QID mappings associated with this CVE.		

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