



LibTIFF tiffcmp tiffcmp.c InitCCITTFax3 memory leak

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

Summary

CVE	CVE-2025-9165
State	PUBLISHED
Assigner	VulDB
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-08-19 20:15:37 UTC
Updated	2026-04-29 01:00:01 UTC
Description	A flaw has been found in LibTIFF 4.7.0. This affects the function _TIFFmallocExt/_TIFFCheckRealloc/TIFFHashSetNew/Ini

Risk And Classification

Primary CVSS: v4.0 1.1 LOW from cna@vulldb.com

CVSS:4.0/AV:L/AC:H/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-401 | CWE-404 | CWE-401 Memory Leak | CWE-404 Denial of Service

Version	Source	Type	Score	Severity	Vector
4.0	cna@vulldb.com	Secondary	1.1	LOW	CVSS:4.0/AV:L/AC:H/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	2	LOW	CVSS:4.0/AV:L/AC:H/AT:N/PR:L/UI:N/VC:N/VI:N/VA:L/SC:N/SI:N/SA:N/E:P
3.1	cna@vulldb.com	Secondary	2.5	LOW	CVSS:3.1/AV:L/AC:H/PR:L/UI:N/S:U/C:N/I:N/A:L
3.1	CNA	DECLARED	2.5	LOW	CVSS:3.1/AV:L/AC:H/PR:L/UI:N/S:U/C:N/I:N/A:L/E:P/RL:O/RC:C
3.0	CNA	DECLARED	2.5	LOW	CVSS:3.0/AV:L/AC:H/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		AV:L/AC:H/Au:S/C:N/I:N/A:P
2.0	CNA	DECLARED	1		AV:L/AC:H/Au:S/C:N/I:N/A:P/E:POC/RL:OF/RC:C

CVSS v4.0 Breakdown

Attack Vector

Local

Attack Complexity

High

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:H/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:MSC: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

High

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

Low

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

CVSS v3.0 Breakdown

Attack Vector

Local

Attack Complexity

High

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

Low

CVSS:3.0/AV:L/AC:H/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	Libtiff	Libtiff	4.7.0	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	LibTIFF	affected 4.7.0	Not specified

References

Reference	Source	Link
vuldb.com	cna@vuldb.com	vuldb.com
gitlab.com/libtiff/libtiff/-/issues/728	cna@vuldb.com	gitlab.com
vuldb.com	cna@vuldb.com	vuldb.com
gitlab.com/libtiff/libtiff/-/merge_requests/747	cna@vuldb.com	gitlab.com
drive.google.com/file/d/1FWHmkzksH8-qU0ZM6seBzGNB3aPnX3G8/view	cna@vuldb.com	drive.google.com
www.libtiff.org	cna@vuldb.com	www.libtiff.org
gitlab.com/libtiff/libtiff/-/commit/ed141286a37f6e5ddafb5069347ff5d587e7...	cna@vuldb.com	gitlab.com
vuldb.com	cna@vuldb.com	vuldb.com
vuldb.com	cna@vuldb.com	vuldb.com
gitlab.com/libtiff/libtiff/-/issues/728	af854a3a-2127-422b-91ae-364da2661108	gitlab.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

Vendor Comments And Credit

Discovery Credit

CNA: HeureuxBuilding (VulDB User) (en)

Additional Advisory Data

Source	Time	Event
CNA	2025-08-19T00:00:00.000Z	Advisory disclosed
CNA	2025-08-19T02:00:00.000Z	VulDB entry created
CNA	2025-10-01T17:29:54.000Z	VulDB entry last update

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

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