



CVE-2018-8905

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Summary

CVE	CVE-2018-8905
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-03-22 04:29:00 UTC
Updated	2023-03-01 17:13:00 UTC
Description	In LibTIFF 4.0.9, a heap-based buffer overflow occurs in the function LZWDecodeCompat in tif_lzw.c via a crafted TIFF file,

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.10	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.10	All	All	All
Operating System	Debian	Debian Linux	7.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	7.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Application	Libtiff	Libtiff	4.0.9	All	All	All
Application	Libtiff	Libtiff	4.0.9	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All

Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All

References

Reference	Source	Link
Bug 2780 – A heap-buffer-overflow in function LZWDecodeCompat in libtiff4.0.9 (CVE-2018-8905)	MISC	bugzilla.ma
[SECURITY] [DLA 1377-1] tiff security update	MLIST	lists.debian.
POCs/libtiff-4.08_tiff2ps_heap_overflow at master · halfbitteam/POCs · GitHub	MISC	github.com
LZWDecodeCompat(): fix potential index-out-of-bounds write. Fixes... (58a898cb) · Commits · libtiff / libtiff · GitLab	CONFIRM	gitlab.com
[SECURITY] [DLA 1411-1] tiff security update	MLIST	lists.debian.
[SECURITY] [DLA 1378-1] tiff3 security update	MLIST	lists.debian.
Red Hat Customer Portal	REDHAT	access.redh
USN-3864-1: LibTIFF vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.
Debian -- Security Information -- DSA-4349-1 tiff	DEBIAN	www.debian
CVE Program record	CVE.ORG	www.cve.or
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

377468 Alibaba Cloud Linux Security Update for libtiff (ALINUX2-SA-2019:0073)
500700 Alpine Linux Security Update for tiff
504469 Alpine Linux Security Update for tiff

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