



CVE-2018-7456

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

Summary

CVE	CVE-2018-7456
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-02-24 06:29:00 UTC
Updated	2021-01-29 20:15:00 UTC
Description	A NULL Pointer Dereference occurs in the function TIFFPrintDirectory in tif_print.c in LibTIFF 3.9.3, 3.9.4, 3.9.5, 3.9.6, 3.9.7

Risk And Classification

Problem Types: CWE-476

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

References

Reference	Source	Link	Tags
[SECURITY] [DLA 1346-1] tiff security update	MLIST	lists.debian.org	Mailin
[SECURITY] [DLA 1411-1] tiff security update	MLIST	lists.debian.org	Mailin
[SECURITY] [DLA 1347-1] tiff3 security update	MLIST	lists.debian.org	Mailin
Red Hat Customer Portal	REDHAT	access.redhat.com	
pocs/libtiff at master · xiaoqx/pocs · GitHub	MISC	github.com	Exploi
Red Hat Customer Portal	REDHAT	access.redhat.com	
Fix NULL pointer dereference in TIFFPrintDirectory (be4c85b1) · Commits · libtiff / libtiff · GitLab	CONFIRM	gitlab.com	Patch
USN-3864-1: LibTIFF vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com	Third
Debian -- Security Information -- DSA-4349-1 tiff	DEBIAN	www.debian.org	Third
Bug 2778 – A NULL Pointer Dereference in libtiff (CVE-2018-7456)	MISC	bugzilla.maptools.org	Exploi
CVE Program record	CVE.ORG	www.cve.org	canon
NVD vulnerability detail	NVD	nvd.nist.gov	canon

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[377456](#) Alibaba Cloud Linux Security Update for compat-libtiff3 (ALINUX2-SA-2019:0057)

[377468](#) Alibaba Cloud Linux Security Update for libtiff (ALINUX2-SA-2019:0073)

[500699](#) Alpine Linux Security Update for tiff

[504468](#) Alpine Linux Security Update for tiff

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