



CVE-2018-17581

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

CVE	CVE-2018-17581
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-09-28 09:29:00 UTC
Updated	2023-01-13 16:34:00 UTC
Description	CiffDirectory::readDirectory() at crwimage_int.cpp in Exiv2 0.26 has excessive stack consumption due to a recursive function

Risk And Classification

Problem Types: CWE-400

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	10.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Application	Exiv2	Exiv2	0.26	All	All	All
Application	Exiv2	Exiv2	0.27	All	All	All
Application	Exiv2	Exiv2	0.26	All	All	All
Application	Exiv2	Exiv2	0.27	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
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References

Reference	Source	Link
covering360/Exiv2 at master · SegfaultMasters/covering360 · GitHub	MISC	github.com
[SECURITY] [DLA 3265-1] exiv2 security update	MLIST	lists.debian.org
[SECURITY] [DLA 1691-1] exiv2 security update	MLIST	lists.debian.org
Red Hat Customer Portal	REDHAT	access.redhat.com
USN-3852-1: Exiv2 vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com
Stack overflow due to excessive stack consumption (Recursive function) · Issue #460 · Exiv2/exiv2 · GitHub	MISC	github.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

181464 Debian Security Update for exiv2 (DLA 3265-1)
377485 Alibaba Cloud Linux Security Update for exiv2 (ALINUX2-SA-2019:0103)
671123 EulerOS Security Update for exiv2 (EulerOS-SA-2019-2144)
752916 SUSE Enterprise Linux Security Update for exiv2-0_26 (SUSE-SU-2022:4208-1)
752954 SUSE Enterprise Linux Security Update for exiv2 (SUSE-SU-2022:4276-1)
940399 AlmaLinux Security Update for exiv2 (ALSA-2020:1577)
960313 Rocky Linux Security Update for exiv2 (RLSA-2020:1577)

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