CVE-2019-20421

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Summary

CVE	CVE-2019-20421
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-01-27 05:15:00 UTC
Updated	2021-09-14 12:46:00 UTC
Description	In Jp2Image::readMetadata() in jp2image.cpp in Exiv2 0.27.2, an input file can result in an infinite loop and hang, with high

Risk And Classification

Problem Types: CWE-835

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
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	19.10	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	19.10	All	All	All
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Application	Exiv2	Exiv2	0.27.2	All	All	All
Application	Exiv2	Exiv2	0.27.2	All	All	All

References

Reference	Source	Link	Tags
Fix #1011 fix_1011_jp2_readmetadata_loop (#1013) · Exiv2/exiv2@a82098f · GitHub	MISC	github.com	Patch, Th
An infinite loop and hang in Exiv2::Jp2Image::readMetadata() · Issue #1011 · Exiv2/exiv2 · GitHub	MISC	github.com	Exploit, P
Debian -- Security Information -- DSA-4958-1 exiv2	DEBIAN	www.debian.org	
[SECURITY] [DLA 2750-1] exiv2 security update	MLIST	lists.debian.org	

USN-4270-1: Exiv2 vulnerability | Ubuntu security notices | Ubuntu	UBUNTU	usn.ubuntu.com	Third Par
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

- 178761 Debian Security Update for exiv2 (DSA 4958-1)
- 178777 Debian Security Update for exiv2 (DLA 2750-1)
- 500895 Alpine Linux Security Update for exiv2
- 504729 Alpine Linux Security Update for exiv2
- 901387 Common Base Linux Mariner (CBL-Mariner) Security Update for exiv2 (7205)
- 902276 Common Base Linux Mariner (CBL-Mariner) Security Update for exiv2 (7205-1)
- 940399 AlmaLinux Security Update for exiv2 (ALSA-2020:1577)
- 960313 Rocky Linux Security Update for exiv2 (RLSA-2020:1577)