



CVE-2020-18898

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

Summary

CVE	CVE-2020-18898
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-08-19 22:15:00 UTC
Updated	2022-10-26 19:09:00 UTC
Description	A stack exhaustion issue in the printIFDStructure function of Exiv2 0.27 allows remote attackers to cause a denial of service

Risk And Classification

Problem Types: CWE-674

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Exiv2	Exiv2	0.27	-	All	All

References

Reference

- CWE - CWE-674: Uncontrolled Recursion (4.2)
- [bug report] Stack Exhaustion Caused By Exiv2::Image::printIFDStructure function in image.cpp, making Recursive Calls to Itself · Issue #741
- CVE Program record
- NVD vulnerability detail

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

- 159814 Oracle Enterprise Linux Security Update for exiv2 (ELSA-2022-1842)
- 159821 Oracle Enterprise Linux Security Update for compat-exiv2-026 (ELSA-2022-1797)
- 240274 Red Hat Update for exiv2 security (RHSA-2022:1842)
- 240296 Red Hat Update for compat-exiv2-026 (RHSA-2022:1797)

671347 EulerOS Security Update for exiv2 (EulerOS-SA-2022-1266)
671666 EulerOS Security Update for exiv2 (EulerOS-SA-2022-1715)
752681 SUSE Enterprise Linux Security Update for exiv2 (SUSE-SU-2022:3598-1)
940514 AlmaLinux Security Update for exiv2 (ALSA-2022:1842)
940548 AlmaLinux Security Update for compat-exiv2-026 (ALSA-2022:1797)
960376 Rocky Linux Security Update for exiv2 (RLSA-2022:1842)
960417 Rocky Linux Security Update for compat-exiv2-026 (RLSA-2022:1797)

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