



CVE-2021-31292

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Summary

CVE	CVE-2021-31292
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-07-26 17:15:00 UTC
Updated	2023-12-22 10:15:00 UTC
Description	An integer overflow in CrwMap::encode0x1810 of Exiv2 0.27.3 allows attackers to trigger a heap-based buffer overflow and

Risk And Classification

Problem Types: CWE-190

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Application	Exiv2	Exiv2	0.27.3	-	All	All
Operating System	Fedoraproject	Fedora	33	All	All	All
Operating System	Fedoraproject	Fedora	34	All	All	All

References

Reference	Source	Link
heap-buffer-overflow Read in Exiv2::Internal::CrwMap::encode · Issue #1530 · Exiv2/exiv2 · GitHub	MISC	github.com
Debian -- Security Information -- DSA-4958-1 exiv2	DEBIAN	www.debian.org
Exiv2: Multiple Vulnerabilities (GLSA 202312-06) — Gentoo security		security.gentoo.org
[SECURITY] Fedora 33 Update: mingw-exiv2-0.27.4-3.fc33 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] Fedora 34 Update: mingw-exiv2-0.27.4-3.fc34 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] Fedora 33 Update: mingw-exiv2-0.27.4-3.fc33 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
[SECURITY] Fedora 34 Update: mingw-exiv2-0.27.4-3.fc34 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
[SECURITY] [DLA 2750-1] exiv2 security update	MLIST	lists.debian.org
CVE Program record	CVE.ORG	www.cve.org

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

159486 Oracle Enterprise Linux Security Update for compat-exiv2-026 (ELSA-2021-4319)

178761 Debian Security Update for exiv2 (DSA 4958-1)

178777 Debian Security Update for exiv2 (DLA 2750-1)

179836 Debian Security Update for exiv2 (CVE-2021-31292)

239787 Red Hat Update for exiv2 security (RHSA-2021:4173)

239824 Red Hat Update for compat-exiv2-026 (RHSA-2021:4319)

281833 Fedora Security Update for mingw (FEDORA-2021-399f869889)

281834 Fedora Security Update for mingw (FEDORA-2021-cbaef8e2d5)

671050 EulerOS Security Update for exiv2 (EulerOS-SA-2021-2579)

710810 Gentoo Linux Exiv2 Multiple Vulnerabilities (GLSA 202312-06)

752681 SUSE Enterprise Linux Security Update for exiv2 (SUSE-SU-2022:3598-1)

940201 AlmaLinux Security Update for compat-exiv2-026 (ALSA-2021:4319)

940296 AlmaLinux Security Update for exiv2 (ALSA-2021:4173)

960736 Rocky Linux Security Update for exiv2 (RLSA-2021:4173)

960824 Rocky Linux Security Update for compat-exiv2-026 (RLSA-2021:4319)

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