



# CVE-2019-9278

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

## Summary

<b>CVE</b>	CVE-2019-9278
<b>State</b>	PUBLIC
<b>Assigner</b>	security@android.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2019-09-27 19:15:00 UTC
<b>Updated</b>	2023-11-07 03:13:00 UTC
<b>Description</b>	In libexif, there is a possible out of bounds write due to an integer overflow. This could lead to remote escalation of privilege

## Risk And Classification

**Problem Types:** CWE-787 | CWE-190

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	12.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	14.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	16.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	18.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	19.10	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	10.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	8.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	31	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	32	All	All	All
Operating System	<a href="#">Google</a>	<a href="#">Android</a>	10.0	All	All	All
Operating System	<a href="#">Google</a>	<a href="#">Android</a>	10.0	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Leap</a>	15.1	All	All	All

## References

Reference	Source	Link
[SECURITY] Fedora 32 Update: libexif-0.6.22-1.fc32 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org/pipermail/package-announce/20231107000000.html">lists.fedoraproject.org</a>

fix CVE-2019-9278 · libexif/libexif@75aa732 · GitHub	CONFIRM	<a href="https://github.com">github.com</a>
[security-announce] openSUSE-SU-2020:0793-1: moderate: Security update f	SUSE	<a href="https://lists.opensuse.org">lists.opensuse.org</a>
Debian -- Security Information -- DSA-4618-1 libexif	DEBIAN	<a href="http://www.debian.org">www.debian.org</a>
[SECURITY] Fedora 31 Update: libexif-0.6.22-1.fc31 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
oss-security - Re: Security fixes from Android 10 release which are relevant outside the Android ecosystem?	MLIST	<a href="http://www.openwall.com">www.openwall.com</a>
Bugtraq: [SECURITY] [DSA 4618-1] libexif security update	BUGTRAQ	<a href="https://seclists.org">seclists.org</a>
libexif: Multiple vulnerabilities (GLSA 202007-05) — Gentoo security	GENTOO	<a href="https://security.gentoo.org">security.gentoo.org</a>
[SECURITY] Fedora 31 Update: libexif-0.6.22-1.fc31 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
Relevant commit for CVE-2019-9278 · Issue #26 · libexif/libexif · GitHub	CONFIRM	<a href="https://github.com">github.com</a>
oss-security - Re: Security fixes from Android 10 release which are relevant outside the Android ecosystem?	MLIST	<a href="http://www.openwall.com">www.openwall.com</a>
[SECURITY] Fedora 32 Update: libexif-0.6.22-1.fc32 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
Android 10 Security Release Notes   Android Open Source Project	MISC	<a href="https://source.android.com">source.android.com</a>
oss-security - Security fixes from Android 10 release which are relevant outside the Android ecosystem?	MLIST	<a href="http://www.openwall.com">www.openwall.com</a>
[security-announce] openSUSE-SU-2020:0264-1: moderate: Security update f	SUSE	<a href="https://lists.opensuse.org">lists.opensuse.org</a>
[SECURITY] [DLA 2100-1] libexif security update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>
USN-4277-1: libexif vulnerabilities   Ubuntu security notices	UBUNTU	<a href="https://usn.ubuntu.com">usn.ubuntu.com</a>
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

#### Legacy QID Mappings

[296075](#) Oracle Solaris 11.4 Support Repository Update (SRU) 21.69.0 Missing (CPUAPR2020)

[377246](#) Alibaba Cloud Linux Security Update for libexif (ALINUX2-SA-2020:0157)

[500291](#) Alpine Linux Security Update for libexif

[690461](#) Free Berkeley Software Distribution (FreeBSD) Security Update for libexif (cff0b2e2-0716-11eb-9e5d-08002728f74c)

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