



# CVE-2020-0452

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

## Summary

<b>CVE</b>	CVE-2020-0452
<b>State</b>	PUBLIC
<b>Assigner</b>	security@android.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-11-10 13:15:00 UTC
<b>Updated</b>	2023-11-07 03:13:00 UTC
<b>Description</b>	In exif_entry_get_value of exif-entry.c, there is a possible out of bounds write due to an integer overflow. This could lead to

## 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="#">Fedoraproject</a>	<a href="#">Fedora</a>	32	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	33	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>	11.0	All	All	All
Operating System	<a href="#">Google</a>	<a href="#">Android</a>	8.0	All	All	All
Operating System	<a href="#">Google</a>	<a href="#">Android</a>	8.1	All	All	All
Operating System	<a href="#">Google</a>	<a href="#">Android</a>	9.0	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>	11.0	All	All	All
Operating System	<a href="#">Google</a>	<a href="#">Android</a>	8.0	All	All	All
Operating System	<a href="#">Google</a>	<a href="#">Android</a>	8.1	All	All	All
Operating System	<a href="#">Google</a>	<a href="#">Android</a>	9.0	All	All	All

## References

Reference	Source	Link	Tags
[SECURITY] Fedora 32 Update: libexif-0.6.22-2.fc32 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>	
[SECURITY] Fedora 33 Update: libexif-0.6.22-3.fc33 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>	

libexif: Multiple vulnerabilities (GLSA 202011-19) — Gentoo security	GENTOO	<a href="https://security.gentoo.org">security.gentoo.org</a>	
[SECURITY] Fedora 32 Update: libexif-0.6.22-2.fc32 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>	
[SECURITY] Fedora 33 Update: libexif-0.6.22-3.fc33 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>	
Android Security Bulletin—November 2020   Android Open Source Project	MISC	<a href="https://source.android.com">source.android.com</a>	Patch
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canon
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canon

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

[376908](#) Alibaba Cloud Linux Security Update for libexif (ALINUX2-SA-2020:0191)

[377153](#) Alibaba Cloud Linux Security Update for libexif (ALINUX3-SA-2021:0003)

[501873](#) Alpine Linux Security Update for libexif

[504996](#) Alpine Linux Security Update for libexif

[670268](#) EulerOS Security Update for libexif (EulerOS-SA-2021-1809)

[670319](#) EulerOS Security Update for libexif (EulerOS-SA-2021-1905)

[670636](#) EulerOS Security Update for libexif (EulerOS-SA-2021-2394)

[752027](#) SUSE Enterprise Linux Security Update for libexif (SUSE-SU-2022:1148-1)

[752034](#) SUSE Enterprise Linux Security Update for libexif (SUSE-SU-2022:1168-1)

[940135](#) AlmaLinux Security Update for libexif (ALSA-2020:5393)

[960389](#) Rocky Linux Security Update for libexif (RLSA-2020:5393)

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