



# CVE-2020-15503

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

## Summary

<b>CVE</b>	CVE-2020-15503
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-07-02 14:15:00 UTC
<b>Updated</b>	2023-11-07 03:17:00 UTC
<b>Description</b>	LibRaw before 0.20-RC1 lacks a thumbnail size range check. This affects decoders/unpack_thumb.cpp, postprocessing/me

## Risk And Classification

**Problem Types:** CWE-20

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	10.0	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="#">Fedoraproject</a>	<a href="#">Fedora</a>	31	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	32	All	All	All
Application	<a href="#">Libraw</a>	<a href="#">Libraw</a>	0.20	beta1	All	All
Application	<a href="#">Libraw</a>	<a href="#">Libraw</a>	0.20	beta2	All	All
Application	<a href="#">Libraw</a>	<a href="#">Libraw</a>	0.20	beta3	All	All
Application	<a href="#">Libraw</a>	<a href="#">Libraw</a>	All	All	All	All
Application	<a href="#">Libraw</a>	<a href="#">Libraw</a>	0.20	beta1	All	All
Application	<a href="#">Libraw</a>	<a href="#">Libraw</a>	0.20	beta2	All	All
Application	<a href="#">Libraw</a>	<a href="#">Libraw</a>	0.20	beta3	All	All

## References

Reference	Source	Link
[SECURITY] Fedora 32 Update: mingw-LibRaw-0.19.5-4.fc32 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
Thumbnail size range check · LibRaw/LibRaw@20ad21c · GitHub	MISC	<a href="https://github.com">github.com</a>

[SECURITY] Fedora 31 Update: mingw-LibRaw-0.19.5-4.fc31 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
[SECURITY] Fedora 32 Update: LibRaw-0.19.5-4.fc32 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
Page not found   LibRaw	MISC	<a href="http://www.libraw.org">www.libraw.org</a>
[SECURITY] [DLA 3214-1] libraw security update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>
[SECURITY] Fedora 32 Update: LibRaw-0.19.5-3.fc32 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
[security-announce] openSUSE-SU-2020:1128-1: moderate: Security update f	SUSE	<a href="https://lists.opensuse.org">lists.opensuse.org</a>
Comparing 0.20-Beta3...0.20-RC1 · LibRaw/LibRaw · GitHub	MISC	<a href="https://github.com">github.com</a>
[SECURITY] Fedora 31 Update: LibRaw-0.19.5-3.fc31 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
[SECURITY] Fedora 31 Update: mingw-LibRaw-0.19.5-4.fc31 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
[SECURITY] Fedora 32 Update: LibRaw-0.19.5-3.fc32 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
[SECURITY] Fedora 31 Update: LibRaw-0.19.5-4.fc31 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
[SECURITY] Fedora 31 Update: LibRaw-0.19.5-3.fc31 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
[SECURITY] Fedora 32 Update: LibRaw-0.19.5-4.fc32 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
[security-announce] openSUSE-SU-2020:1088-1: moderate: Security update f	SUSE	<a href="https://lists.opensuse.org">lists.opensuse.org</a>
[SECURITY] Fedora 31 Update: LibRaw-0.19.5-4.fc31 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
[SECURITY] Fedora 32 Update: mingw-LibRaw-0.19.5-4.fc32 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</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

- [181260](#) Debian Security Update for libraw (DLA 3214-1)
- [199017](#) Ubuntu Security Notification for LibRaw Vulnerabilities (USN-5715-1)
- [377567](#) Alibaba Cloud Linux Security Update for gnome (ALINUX3-SA-2022:0108)
- [501051](#) Alpine Linux Security Update for libraw
- [750635](#) OpenSUSE Security Update for libraw (openSUSE-SU-2020:1088-1)
- [770068](#) Red Hat OpenShift Container Platform 4.6 Security Update (RHSA-2021:0436)
- [940362](#) AlmaLinux Security Update for GNOME (ALSA-2020:4451)
- [960761](#) Rocky Linux Security Update for GNOME (RLSA-2020:4451)

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