



# CVE-2020-35531

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2020-35531
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-09-01 18:15:00 UTC
<b>Updated</b>	2022-09-29 16:31:00 UTC
<b>Description</b>	In LibRaw, an out-of-bounds read vulnerability exists within the get_huffman_diff() function (libraw/src/x3f/x3f_utils_patched

## Risk And Classification

**Problem Types:** CWE-125

## 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
Application	<a href="#">Libraw</a>	<a href="#">Libraw</a>	0.20.0	-	All	All
Application	<a href="#">Libraw</a>	<a href="#">Libraw</a>	0.20.0	rc2	All	All
Application	<a href="#">Libraw</a>	<a href="#">Libraw</a>	0.20.1	All	All	All
Application	<a href="#">Libraw</a>	<a href="#">Libraw</a>	0.20.2	All	All	All
Application	<a href="#">Libraw</a>	<a href="#">Libraw</a>	0.21.0	beta1	All	All

## References

Reference	Source	Link	Tags
LibRaw "get_huffman_diff()" Out-of-bounds read vulnerability · Issue #270 · LibRaw/LibRaw · GitHub	MISC	<a href="#">github.com</a>	
X3F: check for data offset limit · LibRaw/LibRaw@d75af00 · GitHub	MISC	<a href="#">github.com</a>	
[SECURITY] [DLA 3113-1] libraw security update	MLIST	<a href="#">lists.debian.org</a>	
CVE Program record	CVE.ORG	<a href="#">www.cve.org</a>	canonic
NVD vulnerability detail	NVD	<a href="#">nvd.nist.gov</a>	canonic

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

181061 Debian Security Update for libraw (DLA 3113-1)

199017 Ubuntu Security Notification for LibRaw Vulnerabilities (USN-5715-1)

356139 Amazon Linux Security Advisory for LibRaw : ALAS2-2023-2256

502878 Alpine Linux Security Update for libraw

505758 Alpine Linux Security Update for libraw

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