# CVE-2020-15389

MITRE | NVD | CVE.ORG | Print: PDF

## Summary

| | |
|---|---|
| **CVE** | CVE-2020-15389 |
| **State** | PUBLIC |
| **Assigner** | cve@mitre.org |
| **Source Priority** | CVE Program / NVD first with legacy fallback |
| **Published** | 2020-06-29 21:15:00 UTC |
| **Updated** | 2022-10-06 17:59:00 UTC |
| **Description** | jp2/opj_decompress.c in OpenJPEG through 2.3.1 has a use-after-free that can be triggered if there is a mix of valid and inv |

## Risk And Classification

**Problem Types:** CWE-416

## 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 |
| Operating System | Debian | Debian Linux | 9.0 | All | All | All |
| Application | Oracle | Outside In Technology | 8.5.4 | All | All | All |
| Application | Oracle | Outside In Technology | 8.5.5 | All | All | All |
| Application | Oracle | Outside In Technology | 8.5.4 | All | All | All |
| Application | Oracle | Outside In Technology | 8.5.5 | All | All | All |
| Application | Uclouvain | Openjpeg | All | All | All | All |

## References

| Reference | Source | Link | Tags |
|---|---|---|---|
| Oracle Critical Patch Update Advisory - October 2020 | MISC | www.oracle.com | Third |
| Oracle Critical Patch Update Advisory - July 2021 | N/A | www.oracle.com | |
| Heap use-after-free · Issue #1261 · uclouvain/openjpeg · GitHub | MISC | github.com | Patch |
| Debian -- Security Information -- DSA-4882-1 openjpeg2 | DEBIAN | www.debian.org | |
| OpenJPEG: Multiple vulnerabilities (GLSA 202101-29) — Gentoo security | GENTOO | security.gentoo.org | Third |
| > [Suggested description]> jp2/opj_decompress.c in OpenJPEG through 2.3.1 has - Pastebin.com | MISC | pastebin.com | Third |

| | | | |
|---|---|---|---|
| [SECURITY] [DLA 2277-1] openjpeg2 security update | MLIST | lists.debian.org | Mailin |
| CVE Program record | CVE.ORG | www.cve.org | canon |
| NVD vulnerability detail | NVD | nvd.nist.gov | canon |

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

- 159478 Oracle Enterprise Linux Security Update for openjpeg2 (ELSA-2021-4251)
- 178518 Debian Security Update for openjpeg2 (DSA 4882-1)
- 199240 Ubuntu Security Notification for OpenJPEG Vulnerabilities (USN-5952-1)
- 239842 Red Hat Update for openjpeg2 (RHSA-2021:4251)
- 296072 Oracle Solaris 11.4 Support Repository Update (SRU) 25.75.3 Missing (CPUJUL2020)
- 353122 Amazon Linux Security Advisory for openjpeg2 : ALAS2-2022-1741
- 500472 Alpine Linux Security Update for openjpeg
- 504229 Alpine Linux Security Update for openjpeg
- 670492 EulerOS Security Update for openjpeg2 (EulerOS-SA-2021-2250)
- 670518 EulerOS Security Update for openjpeg2 (EulerOS-SA-2021-2276)
- 670551 EulerOS Security Update for openjpeg2 (EulerOS-SA-2021-2309)
- 751971 SUSE Enterprise Linux Security Update for openjpeg2 (SUSE-SU-2022:1129-1)
- 752044 SUSE Enterprise Linux Security Update for openjpeg2 (SUSE-SU-2022:1252-1)
- 752060 SUSE Enterprise Linux Security Update for openjpeg (SUSE-SU-2022:1296-1)
- 940171 AlmaLinux Security Update for openjpeg2 (ALSA-2021:4251)
- 960346 Rocky Linux Security Update for openjpeg2 (RLSA-2021:4251)