



# CVE-2021-23210

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

## Summary

|                        |  |
|------------------------|--|
| <b>CVE</b>             | CVE-2021-23210   |
| <b>State</b>           | PUBLIC   |
| <b>Assigner</b>        | secalert@redhat.com  |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback   |
| <b>Published</b>       | 2022-08-25 20:15:00 UTC  |
| <b>Updated</b>         | 2023-02-12 22:15:00 UTC  |
| <b>Description</b>     | A floating point exception (divide-by-zero) issue was discovered in SoX in functon read_samples() of voc.c file. An attacker |

## Risk And Classification

**Problem Types:** CWE-369

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor      | Product | Version  | Update | Edition | Language |
|-------------|-------------|---------|----------|--------|---------|----------|
| Application | Sox Project | Sox     | 14.4.2-7 | All    | All     | All      |

## References

| Reference  | Source  | Link  | Tags                |
|--|---------|---|---------------------|
| CVE-2021-23210 - sox - Arch Linux                                      | MISC    | <a href="https://security.archlinux.org">security.archlinux.org</a> |                     |
| [SECURITY] [DLA 3315-1] sox security update                            | MLIST   | <a href="https://lists.debian.org">lists.debian.org</a>             |                     |
| oss-security - sox: patches for old vulnerabilities                    | MLIST   | <a href="https://www.openwall.com">www.openwall.com</a>             |                     |
| 1975670 – (CVE-2021-23210) CVE-2021-23210 sox: divide by zero in voc.c | MISC    | <a href="https://bugzilla.redhat.com">bugzilla.redhat.com</a>       |                     |
| SoX - Sound eXchange / Bugs / #351 div zero in voc.c                   | MISC    | <a href="https://sourceforge.net">sourceforge.net</a>               |                     |
| Red Hat Customer Portal - Access to 24x7 support and knowledge         | MISC    | <a href="https://access.redhat.com">access.redhat.com</a>           |                     |
| CVE Program record   | CVE.ORG | <a href="https://www.cve.org">www.cve.org</a>                       | canonical           |
| NVD vulnerability detail   | NVD     | <a href="https://nvd.nist.gov">nvd.nist.gov</a>                     | canonical, analysis |

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

181553 Debian Security Update for sox (DLA 3315-1)

[181674](#) Debian Security Update for sox (DSA 5356-1)

[183826](#) Debian Security Update for sox (CVE-2021-23210)

[199206](#) Ubuntu Security Notification for SoX Vulnerabilities (USN-5904-1)

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