



# CVE-2021-23159

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

## Summary

<b>CVE</b>	CVE-2021-23159
<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 vulnerability was found in SoX, where a heap-buffer-overflow occurs in function lsx_read_w_buf() in formats_i.c file. The v

## Risk And Classification

**Problem Types:** CWE-120

## 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
Red Hat Customer Portal - Access to 24x7 support and knowledge	MISC	<a href="https://access.redhat.com">access.redhat.com</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>	
CVE-2021-23159 - sox - Arch Linux	MISC	<a href="https://security.archlinux.org">security.archlinux.org</a>	
SoX - Sound eXchange / Bugs / #352 heap-overflow in formats_i.c	MISC	<a href="https://sourceforge.net">sourceforge.net</a>	
1975671 - (CVE-2021-23159) CVE-2021-23159 sox: heap based overflow in formats_i.c	MISC	<a href="https://bugzilla.redhat.com">bugzilla.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, an

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)

[184068](#) Debian Security Update for sox (CVE-2021-23159)

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

[503268](#) Alpine Linux Security Update for sox

[506247](#) Alpine Linux Security Update for sox

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

**Free CVE JSON API** [cve.report/api](#)

**CVE.report and Source URL Uptime Status** [status.cve.report](#)