



# CVE-2017-15642

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## Summary

<b>CVE</b>	CVE-2017-15642
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2017-10-19 19:29:00 UTC
<b>Updated</b>	2021-06-24 15:16:00 UTC
<b>Description</b>	In Isx_aiffstartread in aiff.c in Sound eXchange (SoX) 14.4.2, there is a Use-After-Free vulnerability triggered by supplying a

## Risk And Classification

**Problem Types:** CWE-416

## 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>	7.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	8.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	7.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	8.0	All	All	All
Application	<a href="#">Soundexchange</a>	<a href="#">Sound Exchange</a>	14.4.2	All	All	All
Application	<a href="#">Soundexchange</a>	<a href="#">Sound Exchange</a>	14.4.2	All	All	All
Application	<a href="#">Sound Exchange Project</a>	<a href="#">Sound Exchange</a>	14.4.2	All	All	All

## References

### Reference

[SECURITY] [DLA 1695-1] sox security update

[SECURITY] [DLA 1197-1] sox security update

SoX: Multiple vulnerabilities (GLSA 201810-02) — Gentoo security

SoX - Sound eXchange / Bugs / #297 SoX v14.4.2 vulnerable to a heap use-after-free condition after parsing AIFF file and calling sox\_appenc

SoX - Sound eXchange / Bugs / #298 Use-after-free while feeding malformed aiff file

CVE Program record

NVD vulnerability detail

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

[670225](#) EulerOS Security Update for sox (EulerOS-SA-2021-1850)

[710232](#) Gentoo Linux SoX Multiple Vulnerabilities (GLSA 201810-02)

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