



CVE-2017-15372

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

Summary

CVE	CVE-2017-15372
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-10-16 04:29:00 UTC
Updated	2021-06-24 15:16:00 UTC
Description	There is a stack-based buffer overflow in the lsx_ms_adpcm_block_expand_i function of adpcm.c in Sound eXchange (SoX)

Risk And Classification

Problem Types: CWE-119

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	7.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	7.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Application	Soundexchange	Sound Exchange	14.4.2	All	All	All
Application	Soundexchange	Sound Exchange	14.4.2	All	All	All
Application	Sound Exchange Project	Sound Exchange	14.4.2	All	All	All

References

Reference	Source	Link	Tags
1500553 – it is a stack-overflow vulnerability in lsx_ms_adpcm_block_expand_i (in adpcm.c:126)	MISC	bugzilla.redhat.com	Explo
[SECURITY] [DLA 1695-1] sox security update	MLIST	lists.debian.org	Mailir
[SECURITY] [DLA 1197-1] sox security update	MLIST	lists.debian.org	Mailir
SoX: Multiple vulnerabilities (GLSA 201810-02) — Gentoo security	GENTOO	security.gentoo.org	Third
CVE Program record	CVE.ORG	www.cve.org	canor
NVD vulnerability detail	NVD	nvd.nist.gov	canor

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[501254](#) Alpine Linux Security Update for sox

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

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

© [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](#)