



CVE-2017-6836

- MITRE
- NVD
- CVE.ORG
- JSON API
- Print: PDF

Summary

CVE	CVE-2017-6836
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-03-20 16:59:02 UTC
Updated	2025-04-20 01:37:25 UTC
Description	Heap-based buffer overflow in the Expand3To4Module::run function in libaudiofile/modules/SimpleModule.h in Audio File Li

Risk And Classification

Primary CVSS: v3.1 5.5 MEDIUM from nvd@nist.gov

CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H

Problem Types: CWE-119 | n/a

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	5.5	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H
2.0	nvd@nist.gov	Primary	4.3		AV:N/AC:M/Au:N/C:N/I:N/A:P

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

None

Integrity

None

Availability

Partial

AV:N/AC:M/Au:N/C:N/I:N/A:P

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Audiofile	Audiofile	0.3.6	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

References

Reference	Source
oss-security - Re: audiofile: heap-based buffer overflow in Expand3To4Module::run (SimpleModule.h)	af854a3a-2127-422b-91ae
Fix multiple ubsan crashes by antlarr · Pull Request #42 · mpruett/audiofile · GitHub	af854a3a-2127-422b-91ae
audiofile: heap-based buffer overflow in Expand3To4Module::run (SimpleModule.h) agostino's blog	af854a3a-2127-422b-91ae
heap-based buffer overflow in Expand3To4Module::run (SimpleModule.h) · Issue #40 · mpruett/audiofile · GitHub	af854a3a-2127-422b-91ae
Debian -- Security Information -- DSA-3814-1 audiofile	af854a3a-2127-422b-91ae
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[901952](#) Common Base Linux Mariner (CBL-Mariner) Security Update for audiofile (7179)

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