



CVE-2017-11720

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

Summary

CVE	CVE-2017-11720
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-07-28 14:29:00 UTC
Updated	2025-04-20 01:37:25 UTC
Description	There is a division-by-zero vulnerability in LAME 3.99.5, caused by a malformed input file.

Risk And Classification

Primary CVSS: v3.0 9.8 CRITICAL from nvd@nist.gov

CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

Problem Types: CWE-369 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	9.8	CRITICAL	CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
2.0	nvd@nist.gov	Primary	7.5		AV:N/AC:L/Au:N/C:P/I:P/A:P

CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

Partial

Integrity

Partial

Availability

Partial

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Lame Project	Lame	3.99.5	All	All	All

Vendor Declared Affected Products

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

References

Reference	Source
lame: divide-by-zero in parse_wave_header (get_audio.c) agostino's blog	af854a3a-2127-422b-91ae-364c
LAME (Lame Aint an MP3 Encoder) / Bugs / #460 A division by zero vulnerability	af854a3a-2127-422b-91ae-364c
#777159 - malformed wav causes floating point exception (integer divide by zero) - Debian Bug report logs	af854a3a-2127-422b-91ae-364c
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

500365 Alpine Linux Security Update for lame

503061 Alpine Linux Security Update for lame
503329 Alpine Linux Security Update for lame
503403 Alpine Linux Security Update for lame
503472 Alpine Linux Security Update for lame
503492 Alpine Linux Security Update for lame
503519 Alpine Linux Security Update for lame
503567 Alpine Linux Security Update for lame
503604 Alpine Linux Security Update for lame
503637 Alpine Linux Security Update for lame
503656 Alpine Linux Security Update for lame
505882 Alpine Linux Security Update for lame

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