



CVE-2012-0853

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

Summary

CVE	CVE-2012-0853
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2012-08-20 18:55:02 UTC
Updated	2026-04-29 01:13:23 UTC
Description	The decodeTonalComponents function in the Actrac3 codec (atrac3.c) in libavcodec in FFmpeg 0.7.x before 0.7.12, and 0.8.x before 0.8.12, does not properly validate the number of samples per channel, which allows attackers to cause a denial of service (crash) via a crafted AAC file.

Risk And Classification

Primary CVSS: v2.0 6.8 from nvd@nist.gov

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

Problem Types: CWE-20 | n/a

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

Partial

Integrity

Partial

Availability

Partial

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Ffmpeg	Ffmpeg	0.7	All	All	All

Application	Ffmpeg	Ffmpeg	0.7.1	All	All	All
Application	Ffmpeg	Ffmpeg	0.7.11	All	All	All
Application	Ffmpeg	Ffmpeg	0.7.2	All	All	All
Application	Ffmpeg	Ffmpeg	0.7.3	All	All	All
Application	Ffmpeg	Ffmpeg	0.7.6	All	All	All
Application	Ffmpeg	Ffmpeg	0.7.7	All	All	All
Application	Ffmpeg	Ffmpeg	0.7.8	All	All	All
Application	Ffmpeg	Ffmpeg	0.7.9	All	All	All
Application	Ffmpeg	Ffmpeg	0.8.0	All	All	All
Application	Ffmpeg	Ffmpeg	0.8.1	All	All	All
Application	Ffmpeg	Ffmpeg	0.8.10	All	All	All
Application	Ffmpeg	Ffmpeg	0.8.2	All	All	All
Application	Ffmpeg	Ffmpeg	0.8.5	All	All	All
Application	Ffmpeg	Ffmpeg	0.8.6	All	All	All
Application	Ffmpeg	Ffmpeg	0.8.7	All	All	All
Application	Ffmpeg	Ffmpeg	0.8.8	All	All	All
Application	Libav	Libav	0.5	All	All	All
Application	Libav	Libav	0.5.1	All	All	All
Application	Libav	Libav	0.5.2	All	All	All
Application	Libav	Libav	0.5.3	All	All	All
Application	Libav	Libav	0.5.4	All	All	All
Application	Libav	Libav	0.5.5	All	All	All
Application	Libav	Libav	0.5.6	All	All	All
Application	Libav	Libav	0.5.7	All	All	All
Application	Libav	Libav	0.6	All	All	All
Application	Libav	Libav	0.6.1	All	All	All
Application	Libav	Libav	0.6.2	All	All	All
Application	Libav	Libav	0.6.3	All	All	All
Application	Libav	Libav	0.6.4	All	All	All
Application	Libav	Libav	0.6.5	All	All	All
Application	Libav	Libav	0.7	All	All	All
Application	Libav	Libav	0.7	beta1	All	All
Application	Libav	Libav	0.7	beta2	All	All
Application	Libav	Libav	0.7.1	All	All	All
Application	Libav	Libav	0.7.2	All	All	All
Application	Libav	Libav	0.7.3	All	All	All

Application	Libav	Libav	0.7.4	All	All	All
Application	Libav	Libav	0.8	All	All	All
Application	Libav	Libav	0.8	beta2	All	All

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

References				
Reference	Source	Link	Tags	
USN-1479-1: FFmpeg vulnerabilities Ubuntu	af854a3a-2127-422b-91ae-364da2661108	www.ubuntu.com		
git.videolan.org Git - ffmpeg.git/commitdiff	af854a3a-2127-422b-91ae-364da2661108	git.videolan.org		
git.libav.org Git - libav.git/commit	af854a3a-2127-422b-91ae-364da2661108	git.libav.org		
git.videolan.org Git - ffmpeg.git/commitdiff	af854a3a-2127-422b-91ae-364da2661108	git.videolan.org		
Security Alerts - Secunia	af854a3a-2127-422b-91ae-364da2661108	secunia.com		
oss-security - Re: CVE Requests for FFmpeg 0.9.1	af854a3a-2127-422b-91ae-364da2661108	www.openwall.com		
#780 (fuzzed .avi makes a loop in ffmpeg) – FFmpeg	af854a3a-2127-422b-91ae-364da2661108	ffmpeg.org	Exploit	
git.libav.org Git - libav.git/commit	MITRE	git.libav.org		
git.videolan.org Git - ffmpeg.git/commitdiff	MITRE	git.videolan.org		
git.videolan.org Git - ffmpeg.git/commitdiff	MITRE	git.videolan.org		
CVE Program record	CVE.ORG	www.cve.org	canonical	
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis	

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.