



CVE-2015-3417

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Summary

CVE	CVE-2015-3417
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2015-04-24 17:59:00 UTC
Updated	2023-11-07 02:25:00 UTC
Description	Use-after-free vulnerability in the ff_h264_free_tables function in libavcodec/h264.c in FFmpeg before 2.3.6 allows remote attackers to cause a denial of service (crash) via crafted H.264 video. The vulnerability is due to a use-after-free error in the ff_h264_free_tables function. The function is responsible for freeing memory allocated for H.264 video data. However, it fails to properly handle certain edge cases, leading to a use-after-free error when the function is called again. This can be exploited by a remote attacker to cause a denial of service (crash) via crafted H.264 video.

Risk And Classification

Problem Types: NVD-CWE-Other

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Application	Ffmpeg	Ffmpeg	All	All	All	All

References

Reference	Source	Link
Full Disclosure: several issues in SQLite (+ catching up on several other bugs)	FULLDISC	seclists.c
FFmpeg Use-After-Free Memory Error in ff_h264_free_tables() Lets Remote Users Deny Service - SecurityTracker	SECTrack	www.sec
avcodec/h264: Clear delayed_pic on deallocation · FFmpeg/FFmpeg@e8714f6 · GitHub	CONFIRM	github.cc
git.libav.org Git - libav.git/blob - Changelog		git.libav.c
FFmpeg 'libavcodec/h264.c' Use After Free Denial of Service Vulnerability	BID	www.sec
libav: Multiple vulnerabilities (GLSA 201705-08) — Gentoo Security	GENTOO	security.g
git.libav.org Git - libav.git/blob - Changelog	CONFIRM	git.libav.c
Debian -- Security Information -- DSA-3288-1 libav	DEBIAN	www.dek
CVE Program record	CVE.ORG	www.cve
NVD vulnerability detail	NVD	nvd.nist.g

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

710503 Gentoo Linux libav Multiple Vulnerabilities (GLSA 201705-08)

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