



CVE-2020-22037

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Summary

CVE	CVE-2020-22037
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-06-01 20:15:00 UTC
Updated	2021-11-30 22:01:00 UTC
Description	A Denial of Service vulnerability exists in FFmpeg 4.2 due to a memory leak in avcodec_alloc_context3 at options.c.

Risk And Classification

Problem Types: CWE-401

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	11.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Application	Ffmpeg	Ffmpeg	4.2	-	All	All

References

Reference	Source	Link	Tags
#8281 (memory leaks from options.c:158 in avcodec_alloc_context3) – FFmpeg	MISC	trac.ffmpeg.org	
Debian -- Security Information -- DSA-4998-1 ffmpeg	DEBIAN	www.debian.org	
[SECURITY] [DLA 2818-1] ffmpeg security update	MLIST	lists.debian.org	
Debian -- Security Information -- DSA-4990-1 ffmpeg	DEBIAN	www.debian.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.

Legacy QID Mappings

[178827](#) Debian Security Update for ffmpeg (DSA 4990-1)

178860 Debian Security Update for ffmpeg (DSA 4998-1)
178898 Debian Security Update for ffmpeg (DLA 2818-1)
198828 Ubuntu Security Notification for FFmpeg Vulnerabilities (USN-5472-1)
501548 Alpine Linux Security Update for ffmpeg
501848 Alpine Linux Security Update for ffmpeg
502284 Alpine Linux Security Update for ffmpeg4
504757 Alpine Linux Security Update for ffmpeg
504775 Alpine Linux Security Update for ffmpeg4
751277 OpenSUSE Security Update for ffmpeg (openSUSE-SU-2021:3521-1)
753502 SUSE Enterprise Linux Security Update for ffmpeg (SUSE-SU-2023:0005-1)

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