



CVE-2020-22020

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2020-22020
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-05-26 20:15:00 UTC
Updated	2023-11-07 03:19:00 UTC
Description	Buffer Overflow vulnerability in FFmpeg 4.2 in the build_diff_map function in libavfilter/vf_fieldmatch.c, which could let a remote attacker exploit this vulnerability to execute arbitrary code with root privileges on the affected system.

Risk And Classification

Problem Types: CWE-120

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	9.0	All	All	All
Application	Ffmpeg	Ffmpeg	4.2	-	All	All

References

Reference	Source	Link	Tags
#8239 (heap-buffer-overflow at libavfilter/vf_fieldmatch.c) – FFmpeg	MISC	trac.ffmpeg.org	
git.videolan.org Git - ffmpeg.git/commitdiff	MISC	git.videolan.org	
git.videolan.org Git - ffmpeg.git/commitdiff		git.videolan.org	
Debian -- Security Information -- DSA-4990-1 ffmpeg	DEBIAN	www.debian.org	
[SECURITY] [DLA 2742-1] ffmpeg security update	MLIST	lists.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

178763 Debian Security Update for ffmpeg (DLA 2742-1)
178827 Debian Security Update for ffmpeg (DSA 4990-1)
198828 Ubuntu Security Notification for FFmpeg Vulnerabilities (USN-5472-1)
750835 OpenSUSE Security Update for ffmpeg (openSUSE-SU-2021:2322-1)
751079 SUSE Enterprise Linux Security Update for ffmpeg (SUSE-SU-2021:2929-1)

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