



# CVE-2020-22023

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## Summary

<b>CVE</b>	CVE-2020-22023
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2021-05-27 19:15:00 UTC
<b>Updated</b>	2021-11-05 21:41:00 UTC
<b>Description</b>	A heap-based Buffer Overflow vulnerability exists in FFmpeg 4.2 in filter_frame at libavfilter/vf_bitplanenoise.c, which might

## Risk And Classification

### Problem Types: CWE-787

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	10.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	All	All	All
Application	<a href="#">Ffmpeg</a>	<a href="#">Ffmpeg</a>	4.2	-	All	All

## References

Reference	Source	Link	Tags
#8244 (heap-buffer-overflow at libavfilter/vf_bitplanenoise.c) – FFmpeg	MISC	<a href="https://trac.ffmpeg.org">trac.ffmpeg.org</a>	
Debian -- Security Information -- DSA-4990-1 ffmpeg	DEBIAN	<a href="https://www.debian.org">www.debian.org</a>	
[SECURITY] [DLA 2742-1] ffmpeg security update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	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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