



# CVE-2021-38171

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## Summary

<b>CVE</b>	CVE-2021-38171
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2021-08-21 17:15:00 UTC
<b>Updated</b>	2023-12-23 12:15:00 UTC
<b>Description</b>	adts_decode_extradata in libavformat/adtsenc.c in FFmpeg 4.4 does not check the init_get_bits return value, which is a ne

## Risk And Classification

**Problem Types:** CWE-252

## 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>	11.0	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>	4.4	All	All	All

## References

Reference	Source	Link
Debian -- Security Information -- DSA-4998-1 ffmpeg	DEBIAN	<a href="http://www.debian.org">www.debian.org</a>
avformat/adtsenc: return value check for init_get_bits in adts_decode... · FFmpeg/FFmpeg@9ffa494 · GitHub	MISC	<a href="https://github.com">github.com</a>
[FFmpeg-devel,v2,1/1] return value check for init_get_bits in adts_decode_extradata - Patchwork		<a href="https://patchwork.ffmpeg.org">patchwork.ffmpeg.org</a>
[SECURITY] [DLA 2818-1] ffmpeg security update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>
Debian -- Security Information -- DSA-4990-1 ffmpeg	DEBIAN	<a href="http://www.debian.org">www.debian.org</a>
FFmpeg: Multiple Vulnerabilities (GLSA 202312-14) — Gentoo security		<a href="https://security.gentoo.org">security.gentoo.org</a>
[FFmpeg-devel,v2,1/1] return value check for init_get_bits in adts_decode_extradata - Patchwork	MISC	<a href="https://patchwork.ffmpeg.org">patchwork.ffmpeg.org</a>
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>

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
710815	Gentoo Linux FFmpeg Multiple Vulnerabilities (GLSA 202312-14)
751169	SUSE Enterprise Linux Security Update for ffmpeg (SUSE-SU-2021:3212-1)
751172	OpenSUSE Security Update for ffmpeg (openSUSE-SU-2021:3193-1)

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