



# CVE-2020-13904

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2020-13904
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-06-07 19:15:00 UTC
<b>Updated</b>	2023-11-07 03:16:00 UTC
<b>Description</b>	FFmpeg 2.8 and 4.2.3 has a use-after-free via a crafted EXTINF duration in an m3u8 file because parse_playlist in libavfor

## Risk And Classification

**Problem Types:** CWE-416

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	16.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	18.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	20.04	All	All	All
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>	2.8	All	All	All
Application	<a href="#">Ffmpeg</a>	<a href="#">Ffmpeg</a>	4.2.3	All	All	All
Application	<a href="#">Ffmpeg</a>	<a href="#">Ffmpeg</a>	4.2.3	All	All	All

## References

Reference	Source	Link	Tags
avformat/hls: check segment duration value of EXTINF · FFmpeg/FFmpeg@6959358 · GitHub	MISC	<a href="#">github.com</a>	
USN-4431-1: FFmpeg vulnerabilities   Ubuntu security notices   Ubuntu	UBUNTU	<a href="#">usn.ubuntu.com</a>	
Debian -- Security Information -- DSA-4722-1 ffmpeg	DEBIAN	<a href="#">www.debian.org</a>	
[FFmpeg-devel] avformat/hls: check segment duration value of EXTINF - Patchwork		<a href="#">patchwork.ffmpeg.org</a>	
#8673 (UAF while parsing m3u8 files ( in av_probe_input_format3)) – FFmpeg	MISC	<a href="#">trac.ffmpeg.org</a>	Exploit
FFmpeg: Multiple vulnerabilities (GLSA 202007-58) — Gentoo security	GENTOO	<a href="#">security.gentoo.org</a>	

[SECURITY] [DLA 2291-1] ffmpeg security update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>	
[FFmpeg-devel] avformat/hls: check segment duration value of EXTINF - Patchwork	MISC	<a href="https://patchwork.ffmpeg.org">patchwork.ffmpeg.org</a>	Patch,
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canoni
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canoni

No vendor comments have been submitted for this CVE.

#### Legacy QID Mappings

[500909](#) Alpine Linux Security Update for ffmpeg

[502279](#) Alpine Linux Security Update for ffmpeg4

[504752](#) Alpine Linux Security Update for ffmpeg

[504770](#) Alpine Linux Security Update for ffmpeg4

[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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