



# CVE-2020-12284

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

## Summary

<b>CVE</b>	CVE-2020-12284
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-04-28 06:15:00 UTC
<b>Updated</b>	2022-04-29 13:25:00 UTC
<b>Description</b>	cbs_jpeg_split_fragment in libavcodec/cbs_jpeg.c in FFmpeg 4.1 and 4.2.2 has a heap-based buffer overflow during JPEG

## 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="#">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
Application	<a href="#">Ffmpeg</a>	<a href="#">Ffmpeg</a>	4.1	All	All	All
Application	<a href="#">Ffmpeg</a>	<a href="#">Ffmpeg</a>	4.2.2	All	All	All
Application	<a href="#">Ffmpeg</a>	<a href="#">Ffmpeg</a>	4.2.2	All	All	All

## References

Reference	Source	Link	Tags
avcodec/cbs_jpeg: Check length for SOS · FFmpeg/FFmpeg@a3a3730 · GitHub	MISC	<a href="#">github.com</a>	
avcodec/cbs_jpeg: Check length for SOS · FFmpeg/FFmpeg@1812352 · GitHub	MISC	<a href="#">github.com</a>	Patch, Third Party Advi
19734 - oss-fuzz - OSS-Fuzz: Fuzzing the planet - Monorail	MISC	<a href="#">bugs.chromium.org</a>	Exploit, Issue Tracking,
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: Multiple vulnerabilities (GLSA 202007-58) — Gentoo security	GENTOO	<a href="#">security.gentoo.org</a>	
CVE Program record	CVE.ORG	<a href="#">www.cve.org</a>	canonical

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

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