

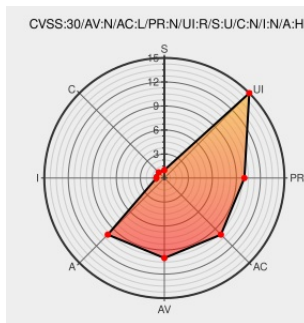


CVE-2018-12459

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CVE-2018-12459

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of **Ffmpeg** from **Ffmpeg** contain the following vulnerability:

An inconsistent bits-per-sample value in the `ff_mpeg4_decode_picture_header` function in `libavcodec/mpeg4videodec.c` in FFmpeg 4.0 may trigger an assertion violation while converting a crafted AVI file to MPEG4, leading to a denial of service.

CVE-2018-12459 has been assigned by [M](#) [cve@mitre.org](#) to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **6.5 - MEDIUM**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	REQUIRED
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	NONE	NONE	HIGH

CVSS2 Score: **4.3 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
avcodec/mpeg4videodec: Clear bits_per_raw_sample if it has originated...	Issue Tracking Patch Third Party Advisory	CONFIRM github.com/FFmpeg/FFmpeg/commit/2fc108f60f98cd00813418a8754a46476b404a3c

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Related QID Numbers

- 500901 Alpine Linux Security Update for ffmpeg
- 502271 Alpine Linux Security Update for ffmpeg4

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Ffmpeg	Ffmpeg	4.0	All	All	All
Application	Ffmpeg	Ffmpeg	4.0	All	All	All
cpe:2.3:a:ffmpeg:ffmpeg:4.0:*:*:*:*:*:						
cpe:2.3:a:ffmpeg:ffmpeg:4.0:*:*:*:*:*:						

No vendor comments have been submitted for this CVE