

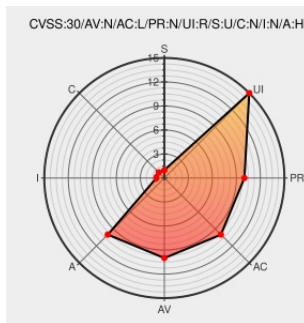


CVE-2019-1000016

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CVE-2019-1000016

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

Certain versions of [Ffmpeg](#) from [Ffmpeg](#) contain the following vulnerability:

FFMPEG version 4.1 contains a CWE-129: Improper Validation of Array Index vulnerability in libavcodec/cbs_av1.c that can result in Denial of service. This attack appears to be exploitable via specially crafted AV1 file has to be provided as input. This vulnerability appears to have been fixed in after commit

[b97a4b658814b2de8b9f2a3bce491c002d34de31](#).

CVE-2019-1000016 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
cbs_av1: Fix reading of overlong uvlc codes ·	Patch Third Party Advisory	MISC github.com/FFmpeg/FFmpeg/commit/b97a4b658814b2de8b9f2a3bce491c002d34de31#

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Related QID Numbers

- [500904](#) Alpine Linux Security Update for ffmpeg
- [502274](#) Alpine Linux Security Update for ffmpeg4

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Ffmpeg	Ffmpeg	4.1	All	All	All
Application	Ffmpeg	Ffmpeg	4.1	All	All	All
cpe:2.3:a:ffmpeg:ffmpeg:4.1:*:*:*:*:*:						
cpe:2.3:a:ffmpeg:ffmpeg:4.1:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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