



CVE-2018-15822

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

Certain versions of [Ubuntu Linux](#) from [Canonical](#) contain the following vulnerability:

The `flv_write_packet` function in `libavformat/flvenc.c` in FFmpeg through 2.8 does not check for an empty audio packet, leading to an assertion failure.

CVE-2018-15822 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

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

CVSS2 Score: **5 - MEDIUM**

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

CVE References

Description	Tags	Link
Debian -- Security Information -- DSA-4449-1 ffmpeg	www.debian.org Deprecated Link text/html	@ DEBIAN DSA-4449
avformat/flvenc: Check	github.com	CONFIRM

audio packet size · FFmpeg/FFmpeg@d8ecb33 · GitHub	text/html	github.com/FFmpeg/FFmpeg/commit/d8ecb335fe4852bbc172c7b79e66944d158b4d92
USN-3967-1: FFmpeg vulnerabilities Ubuntu security notices	usn.ubuntu.com text/html	 UBUNTU USN-3967-1
Bugtraq: [SECURITY] [DSA 4449-1] ffmpeg security update	seclists.org text/html	 BUGTRAQ 20190523 [SECURITY] [DSA 4449-1] ffmpeg security update
USN-4431-1: FFmpeg vulnerabilities Ubuntu security notices Ubuntu	usn.ubuntu.com text/html	 UBUNTU USN-4431-1
[SECURITY] [DLA 1809-1] libav security update	lists.debian.org text/html	 MLIST [debian-lts-announce] 20190529 [SECURITY] [DLA 1809-1] libav security update
avformat/flvenc: Check audio packet size · FFmpeg/FFmpeg@6b67d7f · GitHub	Patch Third Party Advisory github.com text/html	 MISC github.com/FFmpeg/FFmpeg/commit/6b67d7f05918f7a1ee8fc6ff21355d7e8736aa10

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Related QID Numbers

[500903](#) Alpine Linux Security Update for ffmpeg

[502273](#) Alpine Linux Security Update for ffmpeg4

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.10	All	All	All
Operating System	Canonical	Ubuntu Linux	19.04	All	All	All
Operating System	Canonical	Ubuntu Linux	20.04	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Application	Ffmpeg	Ffmpeg	All	All	All	All
Application	Ffmpeg	Ffmpeg	All	All	All	All

cpe:2.3:o:canonical:ubuntu_linux:16.04:*:*:*:esm:*:*:*:
cpe:2.3:o:canonical:ubuntu_linux:18.04:*:*:*:lts:*:*:*:
cpe:2.3:o:canonical:ubuntu_linux:18.10:*:*:*:*:*:*:
cpe:2.3:o:canonical:ubuntu_linux:19.04:*:*:*:*:*:*:
cpe:2.3:o:canonical:ubuntu_linux:20.04:*:*:*:lts:*:*:*:
cpe:2.3:o:debian:debian_linux:8.0:*:*:*:*:*:*:
cpe:2.3:o:debian:debian_linux:9.0:*:*:*:*:*:*:
cpe:2.3:a:ffmpeg:ffmpeg:*:*:*:*:*:*:
cpe:2.3:a:ffmpeg:ffmpeg:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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