



# CVE-2020-20450

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

## Summary

|                        |  |
|------------------------|--|
| <b>CVE</b>             | CVE-2020-20450   |
| <b>State</b>           | PUBLIC   |
| <b>Assigner</b>        | cve@mitre.org  |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback   |
| <b>Published</b>       | 2021-05-25 19:15:00 UTC  |
| <b>Updated</b>         | 2021-11-30 19:38:00 UTC  |
| <b>Description</b>     | FFmpeg 4.2 is affected by null pointer dereference passed as argument to libavformat/aviobuf.c, which could cause a Deni |

## Risk And Classification

**Problem Types:** CWE-476

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                 | Product                      | Version | Update | Edition | Language |
|------------------|------------------------|------------------------------|---------|--------|---------|----------|
| Operating System | <a href="#">Debian</a> | <a href="#">Debian Linux</a> | 11.0    | All    | All     | All      |
| Application      | <a href="#">Ffmpeg</a> | <a href="#">Ffmpeg</a>       | 4.2     | -      | All     | All      |

## References

| Reference   | Source  | Link   | Tags                |
|---|---------|--|---------------------|
| Debian -- Security Information -- DSA-4998-1 ffmpeg                           | DEBIAN  | <a href="http://www.debian.org">www.debian.org</a>   |                     |
| #7993 (null pointer passed as argument at libavformat/aviobuf.c:227) – FFmpeg | MISC    | <a href="http://trac.ffmpeg.org">trac.ffmpeg.org</a> |                     |
| CVE Program record  | CVE.ORG | <a href="http://www.cve.org">www.cve.org</a>         | canonical           |
| NVD vulnerability detail  | NVD     | <a href="http://nvd.nist.gov">nvd.nist.gov</a>       | canonical, analysis |

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[178860](#) Debian Security Update for ffmpeg (DSA 4998-1)

[198828](#) Ubuntu Security Notification for FFmpeg Vulnerabilities (USN-5472-1)

[501548](#) Alpine Linux Security Update for ffmpeg

[501846](#) Alpine Linux Security Update for ffmpeg

[CVE-2025-41400 Alpine Linux Security Update for ffmpeg](#)

[502282](#) Alpine Linux Security Update for ffmpeg4

[504755](#) Alpine Linux Security Update for ffmpeg

[504773](#) Alpine Linux Security Update for ffmpeg4

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

**CVE.report and Source URL Uptime Status** [status.cve.report](#)