



# CVE-2017-9992

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

## Summary

|                        |                                                                                                                           |
|------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2017-9992                                                                                                             |
| <b>State</b>           | PUBLIC                                                                                                                    |
| <b>Assigner</b>        | cve@mitre.org                                                                                                             |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                              |
| <b>Published</b>       | 2017-06-28 06:29:00 UTC                                                                                                   |
| <b>Updated</b>         | 2019-03-20 18:18:00 UTC                                                                                                   |
| <b>Description</b>     | Heap-based buffer overflow in the decode_dds1 function in libavcodec/dfa.c in FFmpeg before 2.8.12, 3.0.x before 3.0.8, 3 |

## Risk And Classification

### Problem Types: CWE-119

## 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> | 8.0     | All    | All     | All      |
| Operating System | <a href="#">Debian</a> | <a href="#">Debian Linux</a> | 8.0     | All    | All     | All      |
| Application      | <a href="#">Ffmpeg</a> | <a href="#">Ffmpeg</a>       | All     | All    | All     | All      |
| Application      | <a href="#">Ffmpeg</a> | <a href="#">Ffmpeg</a>       | All     | All    | All     | All      |

## References

| Reference                                                        | Source  | Link                                                             | Tags                             |
|------------------------------------------------------------------|---------|------------------------------------------------------------------|----------------------------------|
| Debian -- Security Information -- DSA-4012-1 libav               | DEBIAN  | <a href="http://www.debian.org">www.debian.org</a>               | Third Party Advisory             |
| FFmpeg CVE-2017-9992 Heap Buffer Overflow Vulnerability          | BID     | <a href="http://www.securityfocus.com">www.securityfocus.com</a> | Third Party Advisory, VDB Entry  |
| 1345 - oss-fuzz - OSS-Fuzz: Fuzzing the planet - Monorail        | MISC    | <a href="http://bugs.chromium.org">bugs.chromium.org</a>         | Issue Tracking, Third Party Advi |
| avcodec/dfa: Fix off by 1 error · FFmpeg/FFmpeg@f52fbf4 · GitHub | MISC    | <a href="http://github.com">github.com</a>                       | Issue Tracking, Patch, Third Pa  |
| 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.

There are currently no legacy QID mappings associated with this CVE.

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