# CVE-2012-0947

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

## Summary

| | |
|---|---|
| **CVE** | CVE-2012-0947 |
| **State** | PUBLIC |
| **Assigner** | security@ubuntu.com |
| **Source Priority** | CVE Program / NVD first with legacy fallback |
| **Published** | 2012-08-20 18:55:00 UTC |
| **Updated** | 2023-11-07 02:10:00 UTC |
| **Description** | Heap-based buffer overflow in the vqa_decode_chunk function in the VQA codec (vqavideo.c) in libavcodec in Libav 0.5.x b |

## Risk And Classification

**Problem Types:** CWE-119

## NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|---|---|---|---|---|---|---|
| Application | Libav | Libav | 0.5 | All | All | All |
| Application | Libav | Libav | 0.5.1 | All | All | All |
| Application | Libav | Libav | 0.5.2 | All | All | All |
| Application | Libav | Libav | 0.5.3 | All | All | All |
| Application | Libav | Libav | 0.5.4 | All | All | All |
| Application | Libav | Libav | 0.5.5 | All | All | All |
| Application | Libav | Libav | 0.5.6 | All | All | All |
| Application | Libav | Libav | 0.5.7 | All | All | All |
| Application | Libav | Libav | 0.6 | All | All | All |
| Application | Libav | Libav | 0.6.1 | All | All | All |
| Application | Libav | Libav | 0.6.2 | All | All | All |
| Application | Libav | Libav | 0.6.3 | All | All | All |
| Application | Libav | Libav | 0.6.4 | All | All | All |
| Application | Libav | Libav | 0.6.5 | All | All | All |
| Application | Libav | Libav | 0.7 | All | All | All |
| Application | Libav | Libav | 0.7 | beta1 | All | All |
| Application | Libav | Libav | 0.7 | beta2 | All | All |

| | | | | | | |
|---|---|---|---|---|---|---|
| Application | Libav | Libav | 0.7.1 | All | All | All |
| Application | Libav | Libav | 0.7.2 | All | All | All |
| Application | Libav | Libav | 0.7.3 | All | All | All |
| Application | Libav | Libav | 0.7.4 | All | All | All |
| Application | Libav | Libav | 0.7.5 | All | All | All |
| Application | Libav | Libav | 0.8 | All | All | All |
| Application | Libav | Libav | 0.8 | beta2 | All | All |
| Application | Libav | Libav | 0.8.1 | All | All | All |
| Application | Libav | Libav | 0.5 | All | All | All |
| Application | Libav | Libav | 0.5.1 | All | All | All |
| Application | Libav | Libav | 0.5.2 | All | All | All |
| Application | Libav | Libav | 0.5.3 | All | All | All |
| Application | Libav | Libav | 0.5.4 | All | All | All |
| Application | Libav | Libav | 0.5.5 | All | All | All |
| Application | Libav | Libav | 0.5.6 | All | All | All |
| Application | Libav | Libav | 0.5.7 | All | All | All |
| Application | Libav | Libav | 0.6 | All | All | All |
| Application | Libav | Libav | 0.6.1 | All | All | All |
| Application | Libav | Libav | 0.6.2 | All | All | All |
| Application | Libav | Libav | 0.6.3 | All | All | All |
| Application | Libav | Libav | 0.6.4 | All | All | All |
| Application | Libav | Libav | 0.6.5 | All | All | All |
| Application | Libav | Libav | 0.7 | All | All | All |
| Application | Libav | Libav | 0.7 | beta1 | All | All |
| Application | Libav | Libav | 0.7 | beta2 | All | All |
| Application | Libav | Libav | 0.7.1 | All | All | All |
| Application | Libav | Libav | 0.7.2 | All | All | All |
| Application | Libav | Libav | 0.7.3 | All | All | All |
| Application | Libav | Libav | 0.7.4 | All | All | All |
| Application | Libav | Libav | 0.7.5 | All | All | All |
| Application | Libav | Libav | 0.8 | All | All | All |
| Application | Libav | Libav | 0.8 | beta2 | All | All |
| Application | Libav | Libav | 0.8.1 | All | All | All |

## References

| | | |
|---|---|---|

| Reference | Source | Link | Tags |
|---|---|---|---|
| Bug #980963 “Heap-based Buffer Overflow in libavcodec” : Bugs : libav package : Ubuntu | MISC | bugs.launchpad.net | Exploit |
| Libav | CONFIRM | libav.org | |
| git.libav.org Git - libav.git/commit | CONFIRM | git.libav.org | Patch |
| oss-security - Security issue in libav/ffmpeg | MLIST | www.openwall.com | |
| USN-1479-1: FFmpeg vulnerabilities \| Ubuntu | UBUNTU | www.ubuntu.com | |
| FFmpeg libavcodec 'vqavideo.c' '.vaq' File Heap Memory Corruption Vulnerability | BID | www.securityfocus.com | |
| Security Alerts - Secunia | SECUNIA | secunia.com | |
| git.libav.org Git - libav.git/commit | | git.libav.org | |
| Debian -- Security Information -- DSA-2471-1 ffmpeg | DEBIAN | www.debian.org | |
| CVE Program record | CVE.ORG | www.cve.org | canonical |
| NVD vulnerability detail | NVD | nvd.nist.gov | canonical |

No vendor comments have been submitted for this CVE.

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