CVE-2015-7747

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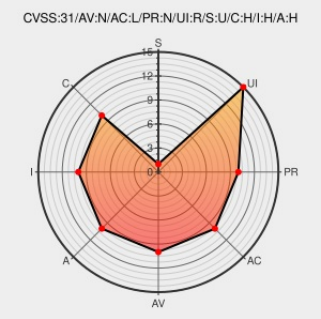
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Audio File Library from Audio File Library Project contain the following vulnerability:

Buffer overflow in the afReadFrames function in audiofile (aka libaudiofile and Audio File Library) allows user-assisted remote attackers to cause a denial of service (program crash) or possibly execute arbitrary code via a crafted audio file, as demonstrated by sixteen-stereo-to-eight-mono.c.

CVE-2015-7747 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 8.8 - HIGH

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

CVSS2 Score: 6.8 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
oss-security - CVE Request: Audio File Library	Mailing List Third Party Advisory www.openwall.com	MISC www.openwall.com/lists/oss-security/2015/10/06/2

	text/html	
[SECURITY] Fedora 23 Update: audiofile-0.3.6-9.fc23	Third Party Advisory lists.fedoraproject.org text/html	MISC lists.fedoraproject.org/pipermail/package-announce/2015-November/170387.html
Bug #1502721 “When changing both sample format and number of cha...” : Bugs : audiofile package : Ubuntu	Third Party Advisory bugs.launchpad.net text/html	MISC bugs.launchpad.net/ubuntu/+source/audiofile/+bug/1502721
motioneyeos/0008-CVE-2015-7747.patch at master · ccrisan/motioneyeos · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/ccrisan/motioneyeos/blob/master/package/audiofile/0008-CVE-2015-7747.patch
oss-security - Re: CVE Request: Audio File Library	Mailing List Third Party Advisory www.openwall.com text/html	MISC www.openwall.com/lists/oss-security/2015/10/08/1
USN-2787-1: audiofile vulnerability | Ubuntu	Third Party Advisory www.ubuntu.com text/html	MISC www.ubuntu.com/usn/USN-2787-1

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Audio File Library Project	Audio File Library	All	All	All	All
Application	Audio File Library Project	Audio File Library	All	All	All	All
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	15.04	All	All	All
Operating System	Canonical	Ubuntu Linux	15.10	All	All	All
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	15.04	All	All	All
Operating System	Canonical	Ubuntu Linux	15.10	All	All	All
Operating System	Fedoraproject	Fedora	23	All	All	All

Operating System	Fedoraproject	Fedora	23	All	All	All

cpe:2.3:a:audio_file_library_project:audio_file_library:*:*:*:*:*:*:*:*:

cpe:2.3:a:audio_file_library_project:audio_file_library:*:*:*:*:*:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:12.04:*:*:*:lts:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:14.04:*:*:*:lts:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:15.04:*:*:*:*:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:15.10:*:*:*:*:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:12.04:*:*:*:lts:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:14.04:*:*:*:lts:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:15.04:*:*:*:*:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:15.10:*:*:*:*:*:*:*:

cpe:2.3:o:fedoraproject:fedora:23:*:*:*:*:*:*:*:

cpe:2.3:o:fedoraproject:fedora:23:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→