



CVE-2017-8373

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

Certain versions of [Mad Libmad](#) from [Underbit](#) contain the following vulnerability:

The `mad_layer_III` function in `layer3.c` in Underbit MAD libmad 0.15.1b allows remote attackers to cause a denial of service (heap-based buffer overflow and application crash) or possibly have unspecified other impact via a crafted audio file.

CVE-2017-8373 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.8 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	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
Debian -- Security Information -- DSA-4192-1 libmad	www.debian.org Deprecated Link text/html	@ DEBIAN DSA-4192
[SECURITY] [DLA 1380-1] libmad security update	lists.debian.org	@ MLIST [debian-lts-announce] 20180518 [SECURITY] [DLA

[text/html](#)[1380-1\] libmad security update](#)

libmad: heap-based buffer overflow in mad_layer_III (layer3.c) | agostino's blog

[Exploit](#)[Third Party Advisory](#)[VDB Entry](#)[blogs.gentoo.org](#)[text/html](#)

[MISC blogs.gentoo.org/ago/2017/04/30/libmad-heap-based-buffer-overflow-in-mad_layer_iii-layer3-c/](#)

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Related QID Numbers

[501040](#) Alpine Linux Security Update for libmad

[752728](#) SUSE Enterprise Linux Security Update for libmad (SUSE-SU-2022:3782-1)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Underbit	Mad Libmad	0.15.1b	All	All	All
Application	Underbit	Mad Libmad	0.15.1b	All	All	All

cpe:2.3:a:underbit:mad_libmad:0.15.1b:****:*:*:

cpe:2.3:a:underbit:mad_libmad:0.15.1b:****:*:*:

No vendor comments have been submitted for this CVE

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