



CVE-2018-5146

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

Summary

CVE	CVE-2018-5146
State	PUBLIC
Assigner	security@mozilla.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-06-11 21:29:00 UTC
Updated	2019-03-11 19:33:00 UTC
Description	An out of bounds memory write while processing Vorbis audio data was reported through the Pwn2Own contest. This vulne

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	17.10	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	17.10	All	All	All
Operating System	Debian	Debian Linux	7.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	7.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Application	Mozilla	Firefox	All	All	All	All
Application	Mozilla	Firefox	All	All	All	All
Application	Mozilla	Firefox Esr	All	All	All	All
Application	Mozilla	Firefox Esr	All	All	All	All
Application	Mozilla	Thunderbird	All	All	All	All

Application	Mozilla	Thunderbird	All	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.5	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.5	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All

References	
Reference	Source
Red Hat Customer Portal	REDH
Red Hat Customer Portal	REDH
Red Hat Customer Portal	REDH
USN-3599-1: Firefox vulnerability Ubuntu security notices Ubuntu	UBUN
Debian -- Security Information -- DSA-4143-1 firefox-esr	DEBI/

Out of bounds memory write while processing vorbis audio data — Mozilla	CONF
Red Hat Customer Portal	REDH
Mozilla Firefox and Firefox ESR Multiple Out of Bounds Write Remote Code Execution Vulnerabilities	BID
1446062 - (CVE-2018-5146) ZDI-CAN-5822 - Mozilla Firefox Audio Driver Out of Bounds	CONF
Debian -- Security Information -- DSA-4155-1 thunderbird	DEBI
Red Hat Customer Portal	REDH
Mozilla Firefox Out-of-bounds Memory Write Error in libvorbis/libtremor Lets Remote Users Execute Arbitrary Code - SecurityTracker	SECT
Debian -- Security Information -- DSA-4140-1 libvorbis	DEBI
[SECURITY] [DLA 1327-1] thunderbird security update	MLIST
USN-3604-1: libvorbis vulnerability Ubuntu security notices Ubuntu	UBUN
[SECURITY] [DLA 1319-1] firefox-esr security update	MLIST
Mozilla Thunderbird: Multiple vulnerabilities (GLSA 201811-13) — Gentoo security	GENT
[SECURITY] [DLA 1368-1] libvorbis security update	MLIST
Security vulnerabilities fixed in Thunderbird 52.7 — Mozilla	CONF
USN-3545-1: Thunderbird vulnerabilities Ubuntu security notices Ubuntu	UBUN
CVE Program record	CVE.C
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[500330](#) Alpine Linux Security Update for libvorbis

[504094](#) Alpine Linux Security Update for libvorbis

[710285](#) Gentoo Linux Mozilla Thunderbird Multiple Vulnerabilities (GLSA 201811-13)

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