CVE-2019-7638

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Summary

CVE	CVE-2019-7638
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-02-08 11:29:00 UTC
Updated	2023-11-07 03:13:00 UTC
Description	SDL (Simple DirectMedia Layer) through 1.2.15 and 2.x through 2.0.9 has a heap-based buffer over-read in Map1toN in vid

Risk And Classification

Problem Types: CWE-125

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	19.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	19.04	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	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All
Application	Libsdl	Simple Directmedia Layer	All	All	All	All
Application	Libsdl	Simple Directmedia Layer	All	All	All	All
Operating System	Opensuse	Leap	15.0	All	All	All
Operating System	Opensuse	Leap	42.3	All	All	All
Operating System	Opensuse	Leap	15.0	All	All	All

Operating System	Opensuse	Leap	42.3	All	All	All

References

Reference	Source	Link
libsdl: Multiple Vulnerabilities (GLSA 202305-17) — Gentoo security	GENTOO	security.gentoo.org
[security-announce] openSUSE-SU-2019:1223-1: moderate: Security update f	SUSE	lists.opensuse.org
USN-4143-1: SDL 2.0 vulnerabilities | Ubuntu security notices	UBUNTU	usn.ubuntu.com
[SECURITY] Fedora 31 Update: mingw-SDL-1.2.15-14.fc31 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
[SECURITY] [DLA 3314-1] libsdl2 security update	MLIST	lists.debian.org
USN-4156-1: SDL vulnerabilities | Ubuntu security notices | Ubuntu	UBUNTU	usn.ubuntu.com
[SECURITY] [DLA 1713-2] libsdl1.2 regression update	MLIST	lists.debian.org
[SECURITY] Fedora 31 Update: mingw-SDL-1.2.15-14.fc31 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] [DLA 1714-2] libsdl2 regression update	MLIST	lists.debian.org
[SECURITY] [DLA 1713-1] libsdl1.2 security update	MLIST	lists.debian.org
Vulnerabilities found in libSDL-1.2.15 and SDL2 - SDL Development - Simple Directmedia Layer	MISC	discourse.libsdl.org
[security-announce] openSUSE-SU-2019:1261-1: moderate: Security update f	SUSE	lists.opensuse.org
[SECURITY] [DLA 2804-1] libsdl1.2 security update	MLIST	lists.debian.org
[SECURITY] [DLA 2536-1] libsdl2 security update	MLIST	lists.debian.org
[SECURITY] [DLA 1714-1] libsdl2 security update	MLIST	lists.debian.org
[security-announce] openSUSE-SU-2019:1213-1: moderate: Security update f	SUSE	lists.opensuse.org
Simple DirectMedia Layer: Multiple vulnerabilities (GLSA 201909-07) — Gentoo security	GENTOO	security.gentoo.org
4500 – Heap-Buffer Overflow in Map1toN pertaining to SDL_pixels.c	MISC	bugzilla.libsdl.org
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

178868 Debian Security Update for libsdl1.2 (DLA 2804-1)

181548 Debian Security Update for libsdl2 (DLA 3314-1)

296078 Oracle Solaris 11.4 Support Repository Update (SRU) 16.4.0 Missing (CPUOCT2019)

377229 Alibaba Cloud Linux Security Update for sdl (ALINUX2-SA-2020:0123)

500640 Alpine Linux Security Update for sdl

501246 Alpine Linux Security Update for sdl2

710125 Gentoo Linux Simple DirectMedia Layer Multiple vulnerabilities (GLSA 201909-07)

710710 Gentoo Linux libsdl Multiple Vulnerabilities (GLSA 202305-17)

940146 AlmaLinux Security Update for SDL (ALSA-2020:4627)