



CVE-2019-13616

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

Summary

CVE	CVE-2019-13616
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-07-16 17:15:00 UTC
Updated	2023-11-07 03:03:00 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 BlitNtoN in vide

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	12.04	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	18.04	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	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Fedoraproject	Fedora	29	All	All	All
Operating System	Fedoraproject	Fedora	30	All	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All
Operating System	Fedoraproject	Fedora	29	All	All	All
Operating System	Fedoraproject	Fedora	30	All	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All

Application	Libsdl	Libsdl	All	All	All	All
Application	Libsdl	Libsdl	All	All	All	All
Application	Libsdl	Simple Directmedia Layer	All	All	All	All
Application	Libsdl	Simple Directmedia Layer	All	All	All	All
Application	Opensuse	Backports Sle	15.0	-	All	All
Application	Opensuse	Backports Sle	15.0	sp1	All	All
Application	Opensuse	Backports Sle	15.0	-	All	All
Application	Opensuse	Backports Sle	15.0	sp1	All	All
Operating System	Opensuse	Leap	15.0	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Operating System	Opensuse	Leap	15.0	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Eus	7.7	All	All	All
Operating System	Redhat	Enterprise Linux Eus	8.1	All	All	All
Operating System	Redhat	Enterprise Linux Eus	7.7	All	All	All
Operating System	Redhat	Enterprise Linux Eus	8.1	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.7	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.7	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.7	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.7	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All

References

Reference	Source	Link
libsdl: Multiple Vulnerabilities (GLSA 202305-17) — Gentoo security	GENTOO	security.gentoo.org
USN-4238-1: SDL_image vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com
[SECURITY] Fedora 29 Update: SDL-1.2.15-40.fc29 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] Fedora 31 Update: mingw-SDL-1.2.15-14.fc31 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org

[security-announce] openSUSE-SU-2019:2108-1: moderate: Security update f	SUSE	lists.opensuse.org
[SECURITY] Fedora 29 Update: SDL2-2.0.10-1.fc29 - package-announce - Fedora Mailing-Lists	FEDORA	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
4538 – heap buffer overflow in BlitNtoN	MISC	bugzilla.libSDL.org
USN-4156-2: SDL vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com
[security-announce] openSUSE-SU-2019:2224-1: moderate: Security update f	SUSE	lists.opensuse.org
[security-announce] openSUSE-SU-2019:2109-1: moderate: Security update f	SUSE	lists.opensuse.org
[SECURITY] Fedora 31 Update: mingw-SDL-1.2.15-14.fc31 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
Red Hat Customer Portal - Access to 24x7 support and knowledge	REDHAT	access.redhat.com
[SECURITY] Fedora 30 Update: SDL-1.2.15-41.fc30 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
Red Hat Customer Portal - Access to 24x7 support and knowledge	REDHAT	access.redhat.com
[SECURITY] [DLA 2804-1] libSDL1.2 security update	MLIST	lists.debian.org
[security-announce] openSUSE-SU-2019:2226-1: moderate: Security update f	SUSE	lists.opensuse.org
[SECURITY] [DLA 2536-1] libSDL2 security update	MLIST	lists.debian.org
[security-announce] openSUSE-SU-2019:2070-1: moderate: Security update f	SUSE	lists.opensuse.org
[SECURITY] Fedora 31 Update: mingw-SDL2-2.0.10-1.fc31 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] Fedora 30 Update: SDL-1.2.15-41.fc30 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
[SECURITY] Fedora 29 Update: SDL-1.2.15-40.fc29 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
Red Hat Customer Portal - Access to 24x7 support and knowledge	REDHAT	access.redhat.com
[SECURITY] Fedora 31 Update: mingw-SDL2-2.0.10-1.fc31 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
[SECURITY] Fedora 29 Update: SDL2-2.0.10-1.fc29 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
[security-announce] openSUSE-SU-2019:2071-1: moderate: Security update f	SUSE	lists.opensuse.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)

[377143](#) Alibaba Cloud Linux Security Update for sdl (ALINUX3-SA-2022:0065)

[500641](#) Alpine Linux Security Update for sdl

501248 Alpine Linux Security Update for sdl2_image
501371 Alpine Linux Security Update for sdl_image
671066 EulerOS Security Update for SDL (EulerOS-SA-2019-2117)
671125 EulerOS Security Update for SDL2 (EulerOS-SA-2019-2118)
710710 Gentoo Linux libsdl Multiple Vulnerabilities (GLSA 202305-17)
750582 OpenSUSE Security Update for SDL (openSUSE-SU-2020:1990-1)
750603 OpenSUSE Security Update for SDL (openSUSE-SU-2020:1916-1)

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