



# CVE-2020-14410

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2020-14410
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2021-01-19 20:15:00 UTC
<b>Updated</b>	2023-11-07 03:17:00 UTC
<b>Description</b>	SDL (Simple DirectMedia Layer) through 2.0.12 has a heap-based buffer over-read in Blit_3or4_to_3or4__inversed_rgb in v

## Risk And Classification

**Problem Types:** CWE-125

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	33	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	33	All	All	All
Application	<a href="#">Libsdl</a>	<a href="#">Simple Directmedia Layer</a>	All	All	All	All

## References

Reference	Source	Link
[SECURITY] [DLA 3314-1] libsdl2 security update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>
SDL 2: Multiple vulnerabilities (GLSA 202107-55) — Gentoo security	GENTOO	<a href="https://security.gentoo.org">security.gentoo.org</a>
5200 – CVE-2020-14409 and CVE-2020-14410	MISC	<a href="https://bugzilla.libsdl.org">bugzilla.libsdl.org</a>
SDL: changeset 13915:3f9b4e92c1d9	MISC	<a href="https://hg.libsdl.org">hg.libsdl.org</a>
[SECURITY] [DLA 2536-1] libsdl2 security update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>
[SECURITY] Fedora 33 Update: mingw-SDL2-2.0.12-3.fc33 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
[SECURITY] Fedora 33 Update: mingw-SDL2-2.0.12-3.fc33 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

181548	Debian Security Update for libsd12 (DLA 3314-1)
296067	Oracle Solaris 11.4 Support Repository Update (SRU) 33.94.0 Missing (CPUAPR2021)
710040	Gentoo Linux SDL 2 Multiple Vulnerabilities (GLSA 202107-55)
751607	SUSE Enterprise Linux Security Update for SDL2 (SUSE-SU-2022:0104-1)
751616	OpenSUSE Security Update for SDL2 (openSUSE-SU-2022:0104-1)
751707	OpenSUSE Security Update for SDL2 (openSUSE-SU-2022:0104-2)
751871	SUSE Enterprise Linux Security Update for SDL2 (SUSE-SU-2022:0825-1)
752055	SUSE Enterprise Linux Security Update for SDL (SUSE-SU-2022:1273-1)
752070	SUSE Enterprise Linux Security Update for SDL (SUSE-SU-2022:1312-1)
753165	SUSE Enterprise Linux Security Update for SDL (SUSE-SU-2022:14943-1)

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

**CVE.report and Source URL Uptime Status** [status.cve.report](#)