



# CVE-2021-33657

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

## Summary

<b>CVE</b>	CVE-2021-33657
<b>State</b>	PUBLIC
<b>Assigner</b>	securities@openeuler.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-04-01 23:15:00 UTC
<b>Updated</b>	2023-05-03 12:15:00 UTC
<b>Description</b>	There is a heap overflow problem in video/SDL_pixels.c in SDL (Simple DirectMedia Layer) 2.x to 2.0.18 versions. By crafti

## Risk And Classification

**Problem Types:** CWE-787

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Libsdl	Simple Directmedia Layer	All	All	All	All

## References

Reference	Source	Link
libsdl: Multiple Vulnerabilities (GLSA 202305-17) — Gentoo security	GENTOO	<a href="https://security.gentoo.org">security.gentoo.org</a>
[SECURITY] [DLA 3314-1] libsdl2 security update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>
Always create a full 256-entry map in case color values are out of range · libsdl-org/SDL@8c91cf7 · GitHub	MISC	<a href="https://github.com">github.com</a>
libsdl2: Multiple Vulnerabilities (GLSA 202305-18) — Gentoo security	GENTOO	<a href="https://security.gentoo.org">security.gentoo.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

180830 Debian Security Update for libsdl2 (CVE-2021-33657)

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

180700 Ubuntu Security Notice for CVE-2021-33657 (USN-5000-1)

<a href="#">198762</a> Ubuntu Security Notification for Simple DirectMedia Layer vulnerability (USN-5398-1)
<a href="#">296100</a> Oracle Solaris 11.4 Support Repository Update (SRU) 58.144.3 Missing (CPUAPR2023)
<a href="#">502366</a> Alpine Linux Security Update for sdl2
<a href="#">710710</a> Gentoo Linux libsdl Multiple Vulnerabilities (GLSA 202305-17)
<a href="#">710723</a> Gentoo Linux libsdl2 Multiple Vulnerabilities (GLSA 202305-18)
<a href="#">752041</a> SUSE Enterprise Linux Security Update for SDL2 (SUSE-SU-2022:1218-1)
<a href="#">752055</a> SUSE Enterprise Linux Security Update for SDL (SUSE-SU-2022:1273-1)
<a href="#">752070</a> SUSE Enterprise Linux Security Update for SDL (SUSE-SU-2022:1312-1)
<a href="#">752072</a> SUSE Enterprise Linux Security Update for SDL2 (SUSE-SU-2022:1313-1)
<a href="#">753165</a> 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](#)**