



CVE-2023-4781

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

Summary

CVE	CVE-2023-4781
State	PUBLIC
Assigner	security@huntr.dev
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-09-05 19:15:00 UTC
Updated	2024-02-01 17:57:00 UTC
Description	Heap-based Buffer Overflow in GitHub repository vim/vim prior to 9.0.1873.

Risk And Classification

Problem Types: CWE-122

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Apple	Macos	All	All	All	All
Operating System	Debian	Debian Linux	10.0	All	All	All
Application	Vim	Vim	All	All	All	All

References

Reference	Source	Link	Tags
About the security content of macOS Sonoma 14.1 - Apple Support	MISC	support.apple.com	
huntr – Security Bounties for any GitHub repository	MISC	huntr.dev	
[SECURITY] [DLA 3588-1] vim security update	MISC	lists.debian.org	
Full Disclosure: APPLE-SA-10-25-2023-4 macOS Sonoma 14.1	MISC	seclists.org	
patch 9.0.1873: [security] heap-buffer-overflow in vim_regsub_both · vim/vim@f6d28fe · GitHub	MISC	github.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

199867 Ubuntu Security Notification for Vim Vulnerabilities (USN-6452-1)
296107 Oracle Solaris 11.4 Support Repository Update (SRU) 65.157.1 Missing (CPUJAN2024)
356160 Amazon Linux Security Advisory for vim : ALAS-2023-1826
356389 Amazon Linux Security Advisory for vim : ALAS2023-2023-360
356392 Amazon Linux Security Advisory for vim : ALAS2-2023-2266
356971 Amazon Linux Security Advisory for vim : AL2012-2023-455
378975 Apple MacOS Sonoma 14.1 Not Installed (HT213984)
503545 Alpine Linux Security Update for vim
505958 Alpine Linux Security Update for vim
6000124 Debian Security Update for vim (DLA 3588-1)
673483 EulerOS Security Update for vim (EulerOS-SA-2023-3198)
673491 EulerOS Security Update for vim (EulerOS-SA-2023-3233)
673558 EulerOS Security Update for vim (EulerOS-SA-2023-3288)
673745 EulerOS Security Update for vim (EulerOS-SA-2023-3320)
673779 EulerOS Security Update for vim (EulerOS-SA-2023-3260)
673841 EulerOS Security Update for vim (EulerOS-SA-2023-3352)
755011 SUSE Enterprise Linux Security Update for vim (SUSE-SU-2023:3942-1)
755014 SUSE Enterprise Linux Security Update for vim (SUSE-SU-2023:3955-1)
907281 Common Base Linux Mariner (CBL-Mariner) Security Update for vim (28659-1)

© [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](#)