



CVE-2022-0417

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

Summary

CVE	CVE-2022-0417
State	PUBLIC
Assigner	security@huntr.dev
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-02-01 13:15:00 UTC
Updated	2023-11-07 03:41:00 UTC
Description	Heap-based Buffer Overflow GitHub repository vim/vim prior to 8.2.

Risk And Classification

Problem Types: CWE-122

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Fedoraproject	Fedora	34	All	All	All
Operating System	Fedoraproject	Fedora	35	All	All	All
Application	Vim	Vim	All	All	All	All

References

Reference	Source	Link	Tags
[SECURITY] [DLA 3182-1] vim security update	MLIST	lists.debian.org	
Vim, gVim: Multiple Vulnerabilities (GLSA 202208-32) — Gentoo security	GENTOO	security.gentoo.org	
[SECURITY] Fedora 34 Update: vim-8.2.4460-1.fc34 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org	
Heap-based Buffer Overflow vulnerability found in vim	CONFIRM	huntr.dev	
patch 8.2.4245: ":retab 0" may cause illegal memory access · vim/vim@652dee4 · GitHub	MISC	github.com	
[SECURITY] Fedora 35 Update: vim-8.2.4314-1.fc35 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org	
[SECURITY] Fedora 35 Update: vim-8.2.4314-1.fc35 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org	
[SECURITY] [DLA 3053-1] vim security update	MLIST	lists.debian.org	
[SECURITY] Fedora 34 Update: vim-8.2.4460-1.fc34 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org	
CVE Program record	CVE.ORG	www.cve.org	2022

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

179379 Debian Security Update for vim (DLA 3053-1)
181198 Debian Security Update for vim (DLA 3182-1)
183025 Debian Security Update for vim (CVE-2022-0417)
199104 Ubuntu Security Notification for Vim Vulnerabilities (USN-5801-1)
282358 Fedora Security Update for vim (FEDORA-2022-da2fb07efb)
282439 Fedora Security Update for vim (FEDORA-2022-48bf3cb1c4)
296063 Oracle Solaris 11.4 Support Repository Update (SRU) 45.119.2 Missing (CPUAPR2022)
353203 Amazon Linux Security Advisory for vim : ALAS-2022-1579
353944 Amazon Linux Security Advisory for vim : ALAS2-2022-1805
354302 Amazon Linux Security Advisory for vim : ALAS2022-2022-025
354452 Amazon Linux Security Advisory for vim : ALAS2022-2022-077
354497 Amazon Linux Security Advisory for vim : ALAS2022-2022-155
354585 Amazon Linux Security Advisory for vim : ALAS-2022-155
355135 Amazon Linux Security Advisory for vim : ALAS2023-2023-098
376429 Vim Heap-based buffer Overflow Vulnerability
377929 Vim Heap-based buffer Overflow Vulnerability
500731 Alpine Linux Security Update for vim
502238 Alpine Linux Security Update for vim
504504 Alpine Linux Security Update for vim
671458 EulerOS Security Update for vim (EulerOS-SA-2022-1441)
671465 EulerOS Security Update for vim (EulerOS-SA-2022-1462)
671585 EulerOS Security Update for vim (EulerOS-SA-2022-1591)
671633 EulerOS Security Update for vim (EulerOS-SA-2022-1669)
671639 EulerOS Security Update for vim (EulerOS-SA-2022-1655)

710607 Gentoo Linux Vim, gVim Multiple Vulnerabilities (GLSA 202208-32)

900641 Common Base Linux Mariner (CBL-Mariner) Security Update for vim (8439)

901117 Common Base Linux Mariner (CBL-Mariner) Security Update for vim (8461-1)

© [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](#)