



# CVE-2022-0413

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

## Summary

<b>CVE</b>	CVE-2022-0413
<b>State</b>	PUBLIC
<b>Assigner</b>	security@huntr.dev
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-01-30 15:15:00 UTC
<b>Updated</b>	2023-11-07 03:41:00 UTC
<b>Description</b>	Use After Free in GitHub repository vim/vim prior to 8.2.

## Risk And Classification

**Problem Types:** CWE-416

## 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>	10.0	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>	34	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	35	All	All	All
Application	<a href="#">Vim</a>	<a href="#">Vim</a>	All	All	All	All

## References

Reference	Source	Link	Ta
[SECURITY] [DLA 3011-1] vim security update	MLIST	<a href="#">lists.debian.org</a>	
[SECURITY] [DLA 3182-1] vim security update	MLIST	<a href="#">lists.debian.org</a>	
Vim, gVim: Multiple Vulnerabilities (GLSA 202208-32) — Gentoo security	GENTOO	<a href="#">security.gentoo.org</a>	
patch 8.2.4253: using freed memory when substitute with function call · vim/vim@37f4795 · GitHub	MISC	<a href="#">github.com</a>	
[SECURITY] Fedora 34 Update: vim-8.2.4460-1.fc34 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.fedoraproject.org</a>	
huntr – the Bug Bounty Platform for any GitHub repository	CONFIRM	<a href="#">huntr.dev</a>	
[SECURITY] Fedora 35 Update: vim-8.2.4314-1.fc35 - package-announce - Fedora Mailing-Lists		<a href="#">lists.fedoraproject.org</a>	
[SECURITY] Fedora 35 Update: vim-8.2.4314-1.fc35 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.fedoraproject.org</a>	
[SECURITY] Fedora 34 Update: vim-8.2.4460-1.fc34 - package-announce - Fedora Mailing-Lists		<a href="#">lists.fedoraproject.org</a>	
CVE Program record	CVE.ORG	<a href="#">www.cve.org</a>	CO

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

<a href="#">159708</a> Oracle Enterprise Linux Security Update for vim (ELSA-2022-0894)
<a href="#">179292</a> Debian Security Update for vim (DLA 3011-1)
<a href="#">181198</a> Debian Security Update for vim (DLA 3182-1)
<a href="#">183233</a> Debian Security Update for vim (CVE-2022-0413)
<a href="#">199271</a> Ubuntu Security Notification for Vim Vulnerabilities (USN-5995-1)
<a href="#">240146</a> Red Hat Update for vim (RHSA-2022:0894)
<a href="#">282358</a> Fedora Security Update for vim (FEDORA-2022-da2fb07efb)
<a href="#">282439</a> Fedora Security Update for vim (FEDORA-2022-48bf3cb1c4)
<a href="#">296063</a> Oracle Solaris 11.4 Support Repository Update (SRU) 45.119.2 Missing (CPUAPR2022)
<a href="#">353203</a> Amazon Linux Security Advisory for vim : ALAS-2022-1579
<a href="#">353944</a> Amazon Linux Security Advisory for vim : ALAS2-2022-1805
<a href="#">353954</a> Amazon Linux Security Advisory for vim : ALAS-2022-1597
<a href="#">354302</a> Amazon Linux Security Advisory for vim : ALAS2022-2022-025
<a href="#">354452</a> Amazon Linux Security Advisory for vim : ALAS2022-2022-077
<a href="#">354497</a> Amazon Linux Security Advisory for vim : ALAS2022-2022-155
<a href="#">354585</a> Amazon Linux Security Advisory for vim : ALAS-2022-155
<a href="#">355135</a> Amazon Linux Security Advisory for vim : ALAS2023-2023-098
<a href="#">500731</a> Alpine Linux Security Update for vim
<a href="#">502238</a> Alpine Linux Security Update for vim
<a href="#">504504</a> Alpine Linux Security Update for vim
<a href="#">671458</a> EulerOS Security Update for vim (EulerOS-SA-2022-1441)
<a href="#">671465</a> EulerOS Security Update for vim (EulerOS-SA-2022-1462)
<a href="#">671585</a> EulerOS Security Update for vim (EulerOS-SA-2022-1591)
<a href="#">671633</a> EulerOS Security Update for vim (EulerOS-SA-2022-1669)

671639 EulerOS Security Update for vim (EulerOS-SA-2022-1655)
671849 EulerOS Security Update for vim (EulerOS-SA-2022-1918)
710607 Gentoo Linux Vim, gVim Multiple Vulnerabilities (GLSA 202208-32)
751791 SUSE Enterprise Linux Security Update for vim (SUSE-SU-2022:0736-1)
751809 OpenSUSE Security Update for vim (openSUSE-SU-2022:0736-1)
752246 SUSE Enterprise Linux Security Update for vim (SUSE-SU-2022:2102-1)
753066 SUSE Enterprise Linux Security Update for vim (SUSE-SU-2022:4619-1)
900640 Common Base Linux Mariner (CBL-Mariner) Security Update for vim (8438)
901110 Common Base Linux Mariner (CBL-Mariner) Security Update for vim (8460-1)
940466 AlmaLinux Security Update for vim (ALSA-2022:0894)
960690 Rocky Linux Security Update for vim (RLSA-2022:0894)

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