



# CVE-2022-1897

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

## Summary

<b>CVE</b>	CVE-2022-1897
<b>State</b>	PUBLIC
<b>Assigner</b>	security@huntr.dev
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-05-27 15:15:00 UTC
<b>Updated</b>	2023-11-07 03:42:00 UTC
<b>Description</b>	Out-of-bounds Write in GitHub repository vim/vim prior to 8.2.

## Risk And Classification

**Problem Types:** CWE-787

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Apple</a>	<a href="#">Macos</a>	All	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	10.0	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
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	36	All	All	All
Application	<a href="#">Vim</a>	<a href="#">Vim</a>	All	All	All	All

## References

Reference	Source	Link
Full Disclosure: APPLE-SA-2022-10-27-5 Additional information for APPLE-SA-2022-10-24-2 macOS Ventura 13	FULLDISC	<a href="#">seclists.org</a>
[SECURITY] Fedora 35 Update: vim-8.2.5052-1.fc35 - package-announce - Fedora Mailing-Lists		<a href="#">lists.fedorap</a>
[SECURITY] Fedora 34 Update: vim-8.2.5046-1.fc34 - package-announce - Fedora Mailing-Lists		<a href="#">lists.fedorap</a>
Vim, gVim: Multiple Vulnerabilities (GLSA 202208-32) — Gentoo security	GENTOO	<a href="#">security.gen</a>
Out-of-bounds write in function vim_regsub_both vulnerability found in vim	CONFIRM	<a href="#">huntr.dev</a>
About the security content of macOS Ventura 13 - Apple Support	CONFIRM	<a href="#">support.app</a>
Vim, gVim: Multiple Vulnerabilities (GLSA 202305-16) — Gentoo security	GENTOO	<a href="#">security.gen</a>
[SECURITY] Fedora 36 Update: vim-8.2.5046-1.fc36 - package-announce - Fedora Mailing-Lists		<a href="#">lists.fedorap</a>
[SECURITY] Fedora 36 Update: vim-8.2.5046-1.fc36 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.fedorap</a>

[SECURITY] Fedora 35 Update: vim-8.2.5046-1.fc35 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org/">lists.fedoraproject.org</a>
Full Disclosure: APPLE-SA-2022-10-24-2 macOS Ventura 13	FULLDISC	<a href="https://seclists.org/">seclists.org</a>
patch 8.2.5023: substitute overwrites allocated buffer · vim/vim@338f1fc · GitHub	MISC	<a href="https://github.com/">github.com</a>
[SECURITY] Fedora 35 Update: vim-8.2.5052-1.fc35 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org/">lists.fedoraproject.org</a>
[SECURITY] [DLA 3204-1] vim security update	MLIST	<a href="https://lists.debian.org/">lists.debian.org</a>
[SECURITY] Fedora 34 Update: vim-8.2.5046-1.fc34 - package-announce - Fedora Mailing-Lists	FEDORA	<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

- [160026](#) Oracle Enterprise Linux Security Update for vim (ELSA-2022-5813)
- [160033](#) Oracle Enterprise Linux Security Update for vim (ELSA-2022-5942)
- [181246](#) Debian Security Update for vim (DLA 3204-1)
- [184462](#) Debian Security Update for vim (CVE-2022-1897)
- [200016](#) Ubuntu Security Notification for Vim Vulnerabilities (USN-6557-1)
- [240595](#) Red Hat Update for vim (RHSA-2022:5813)
- [240602](#) Red Hat Update for vim (RHSA-2022:5942)
- [282792](#) Fedora Security Update for vim (FEDORA-2022-5ce148636b)
- [282803](#) Fedora Security Update for vim (FEDORA-2022-d94440bf0e)
- [282809](#) Fedora Security Update for vim (FEDORA-2022-bb2daad935)
- [354009](#) Amazon Linux Security Advisory for vim : ALAS2-2022-1829
- [354033](#) Amazon Linux Security Advisory for vim : ALAS-2022-1628
- [354356](#) Amazon Linux Security Advisory for vim : ALAS2022-2022-116
- [354497](#) Amazon Linux Security Advisory for vim : ALAS2022-2022-155
- [354585](#) Amazon Linux Security Advisory for vim : ALAS-2022-155
- [355073](#) Amazon Linux Security Advisory for vim : AL2012-2023-397
- [355135](#) Amazon Linux Security Advisory for vim : ALAS2023-2023-098
- [377576](#) Alibaba Cloud Linux Security Update for vim (ALINUX3-SA-2022:0150)
- [672048](#) EulerOS Security Update for vim (EulerOS-SA-2022-2282)

<a href="#">672056</a> EulerOS Security Update for vim (EulerOS-SA-2022-2263)
<a href="#">672072</a> EulerOS Security Update for vim (EulerOS-SA-2022-2250)
<a href="#">672076</a> EulerOS Security Update for vim (EulerOS-SA-2022-2237)
<a href="#">672105</a> EulerOS Security Update for vim (EulerOS-SA-2022-2307)
<a href="#">672124</a> EulerOS Security Update for vim (EulerOS-SA-2022-2336)
<a href="#">672223</a> EulerOS Security Update for vim (EulerOS-SA-2022-2639)
<a href="#">710607</a> Gentoo Linux Vim, gVim Multiple Vulnerabilities (GLSA 202208-32)
<a href="#">710718</a> Gentoo Linux Vim, gVim Multiple Vulnerabilities (GLSA 202305-16)
<a href="#">752246</a> SUSE Enterprise Linux Security Update for vim (SUSE-SU-2022:2102-1)
<a href="#">753066</a> SUSE Enterprise Linux Security Update for vim (SUSE-SU-2022:4619-1)
<a href="#">940613</a> AlmaLinux Security Update for vim (ALSA-2022:5813)
<a href="#">940633</a> AlmaLinux Security Update for vim (ALSA-2022:5942)
<a href="#">960163</a> Rocky Linux Security Update for vim (RLSA-2022:5813)
<a href="#">960487</a> Rocky Linux Security Update for vim (RLSA-2022:5942)

© [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](#)