



CVE-2021-4193

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

Summary

CVE	CVE-2021-4193
State	PUBLIC
Assigner	security@huntr.dev
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-12-31 16:15:00 UTC
Updated	2023-11-07 03:40:00 UTC
Description	vim is vulnerable to Out-of-bounds Read

Risk And Classification

Problem Types: CWE-125

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Apple	Macos	All	All	All	All
Operating System	Apple	Macos	10.15.7	All	All	All
Operating System	Apple	Macos	10.15.7	security_update_2020-001	All	All
Operating System	Apple	Macos	10.15.7	security_update_2021-001	All	All
Operating System	Apple	Macos	10.15.7	security_update_2021-002	All	All
Operating System	Apple	Macos	10.15.7	security_update_2021-003	All	All
Operating System	Apple	Macos	10.15.7	security_update_2021-004	All	All
Operating System	Apple	Macos	10.15.7	security_update_2021-005	All	All
Operating System	Apple	Macos	10.15.7	security_update_2021-006	All	All
Operating System	Apple	Macos	10.15.7	security_update_2021-007	All	All
Operating System	Apple	Macos	10.15.7	security_update_2021-008	All	All
Operating System	Apple	Macos	10.15.7	security_update_2022-001	All	All
Operating System	Apple	Macos	10.15.7	security_update_2022-002	All	All
Operating System	Apple	Macos	10.15.7	security_update_2022-003	All	All
Operating System	Apple	Macos	10.15.7	security_update_2022-004	All	All
Operating System	Apple	Mac Os X	10.15.7	All	All	All
Operating System	Apple	Mac Os X	10.15.7	security_update_2020-001	All	All

Operating System	Apple	Mac Os X	10.15.7	security_update_2021-001	All	All
Operating System	Apple	Mac Os X	10.15.7	security_update_2021-002	All	All
Operating System	Apple	Mac Os X	10.15.7	security_update_2021-003	All	All
Operating System	Apple	Mac Os X	10.15.7	security_update_2021-004	All	All
Operating System	Apple	Mac Os X	10.15.7	security_update_2021-005	All	All
Operating System	Apple	Mac Os X	10.15.7	security_update_2021-006	All	All
Operating System	Apple	Mac Os X	10.15.7	security_update_2021-007	All	All
Operating System	Apple	Mac Os X	10.15.7	security_update_2021-008	All	All
Operating System	Apple	Mac Os X	10.15.7	security_update_2022-001	All	All
Operating System	Apple	Mac Os X	10.15.7	security_update_2022-002	All	All
Operating System	Apple	Mac Os X	10.15.7	security_update_2022-003	All	All
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
Application	Vim	Vim	All	All	All	All

References

Reference	Source	Link	Tags
huntr – the Bug Bounty Platform for any GitHub repository	CONFIRM	huntr.dev	
[SECURITY] [DLA 3182-1] vim security update	MLIST	lists.debian.org	
About the security content of macOS Big Sur 11.6.6 - Apple Support	CONFIRM	support.apple.com	
oss-security - Re: 3 new CVE's in vim	MLIST	www.openwall.com	
Full Disclosure: APPLE-SA-2022-03-14-4 macOS Monterey 12.3	FULLDISC	seclists.org	
Vim, gVim: Multiple Vulnerabilities (GLSA 202208-32) — Gentoo security	GENTOO	security.gentoo.org	
[SECURITY] Fedora 34 Update: vim-8.2.4068-1.fc34 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org	
[SECURITY] Fedora 34 Update: vim-8.2.4068-1.fc34 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org	
[SECURITY] [DLA 2947-1] vim security update	MLIST	lists.debian.org	
patch 8.2.3950: going beyond the end of the line with ^%V · vim/vim@94f3192 · GitHub	MISC	github.com	
Full Disclosure: APPLE-SA-2022-05-16-3 macOS Big Sur 11.6.6	FULLDISC	seclists.org	
About the security content of Security Update 2022-005 Catalina - Apple Support	CONFIRM	support.apple.com	
About the security content of macOS Monterey 12.3 - Apple Support (PH)	CONFIRM	support.apple.com	
Full Disclosure: APPLE-SA-2022-07-20-4 Security Update 2022-005 Catalina	FULLDISC	seclists.org	
CVE Program record	CVE.ORG	www.cve.org	cano
NVD vulnerability detail	NVD	nvd.nist.gov	cano

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[159623](#) Oracle Enterprise Linux Security Update for vim (ELSA-2022-0366)

[179126](#) Debian Security Update for vim (DLA 2947-1)

[181198](#) Debian Security Update for vim (DLA 3182-1)

[184945](#) Debian Security Update for vim (CVE-2021-4193)

[199293](#) Ubuntu Security Notification for Vim Vulnerabilities (USN-6026-1)

[240055](#) Red Hat Update for vim (RHSA-2022:0366)

[282279](#) Fedora Security Update for vim (FEDORA-2022-48b86d586f)

[296063](#) Oracle Solaris 11.4 Support Repository Update (SRU) 45.119.2 Missing (CPUAPR2022)

[354382](#) Amazon Linux Security Advisory for vim : ALAS2022-2022-014

[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

[376485](#) Apple MacOS Monterey 12.3 Not Installed (HT213183)

[376608](#) Apple MacOS Big Sur 11.6.6 Not Installed (HT213256)

[376739](#) Apple macOS Security Update 2022-005 Catalina (HT213343)

[377370](#) Alibaba Cloud Linux Security Update for vim (ALINUX3-SA-2022:0011)

[500730](#) Alpine Linux Security Update for vim

[503065](#) Alpine Linux Security Update for vim

[503333](#) Alpine Linux Security Update for vim

[503407](#) Alpine Linux Security Update for vim

[503496](#) Alpine Linux Security Update for vim

[503523](#) Alpine Linux Security Update for vim

[503571](#) Alpine Linux Security Update for vim

[503608](#) Alpine Linux Security Update for vim

[503639](#) Alpine Linux Security Update for vim

[503658](#) Alpine Linux Security Update for vim

[505951](#) Alpine Linux Security Update for vim

671397 EulerOS Security Update for vim (EulerOS-SA-2022-1339)
671418 EulerOS Security Update for vim (EulerOS-SA-2022-1363)
671458 EulerOS Security Update for vim (EulerOS-SA-2022-1441)
671465 EulerOS Security Update for vim (EulerOS-SA-2022-1462)
671501 EulerOS Security Update for vim (EulerOS-SA-2022-1499)
671521 EulerOS Security Update for vim (EulerOS-SA-2022-1518)
671650 EulerOS Security Update for vim (EulerOS-SA-2022-1769)
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)
900501 Common Base Linux Mariner (CBL-Mariner) Security Update for vim (7078)
901902 Common Base Linux Mariner (CBL-Mariner) Security Update for vim (7086-1)
940444 AlmaLinux Security Update for vim (ALSA-2022:0366)
960721 Rocky Linux Security Update for vim (RLSA-2022:0366)

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