



CVE-2021-4019

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

Summary

CVE	CVE-2021-4019
State	PUBLIC
Assigner	security@huntr.dev
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-12-01 10:15:00 UTC
Updated	2023-11-07 03:40:00 UTC
Description	vim is vulnerable to Heap-based Buffer Overflow

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	
oss-security - Re: 3 new CVE's in vim	MLIST	www.openwall.com	
[SECURITY] Fedora 34 Update: vim-8.2.3755-1.fc34 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org	
Vim, gVim: Multiple Vulnerabilities (GLSA 202208-32) — Gentoo security	GENTOO	security.gentoo.org	
[SECURITY] Fedora 35 Update: vim-8.2.3717-1.fc35 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org	
[SECURITY] Fedora 35 Update: vim-8.2.3717-1.fc35 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org	
patch 8.2.3669: buffer overflow with long help argument · vim/vim@bd228fd · GitHub	MISC	github.com	
Heap-based Buffer Overflow vulnerability found in vim	CONFIRM	huntr.dev	
[SECURITY] [DLA 2947-1] vim security update	MLIST	lists.debian.org	
[SECURITY] Fedora 34 Update: vim-8.2.3755-1.fc34 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.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)
182106 Debian Security Update for vim (CVE-2021-4019)
198647 Ubuntu Security Notification for Vim Vulnerabilities (USN-5247-1)
240055 Red Hat Update for vim (RHSA-2022:0366)
282117 Fedora Security Update for vim (FEDORA-2021-b0ac29efb1)
282127 Fedora Security Update for vim (FEDORA-2021-469afb66c9)
296061 Oracle Solaris 11.4 Support Repository Update (SRU) 42.113.1 Missing (CPUJAN2022)
353117 Amazon Linux Security Advisory for vim : ALAS-2022-1557
353120 Amazon Linux Security Advisory for vim : ALAS2-2022-1743
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
377370 Alibaba Cloud Linux Security Update for vim (ALINUX3-SA-2022:0011)
500729 Alpine Linux Security Update for vim
504503 Alpine Linux Security Update for vim
671346 EulerOS Security Update for vim (EulerOS-SA-2022-1283)
671387 EulerOS Security Update for vim (EulerOS-SA-2022-1297)
671390 EulerOS Security Update for vim (EulerOS-SA-2022-1313)
671495 EulerOS Security Update for vim (EulerOS-SA-2022-1470)
671517 EulerOS Security Update for vim (EulerOS-SA-2022-1479)

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)
900379 Common Base Linux Mariner (CBL-Mariner) Security Update for vim (6290)
901242 Common Base Linux Mariner (CBL-Mariner) Security Update for vim (6949-1)
940444 AlmaLinux Security Update for vim (ALSA-2022:0366)
960107 Rocky Linux Security Update for vim (RLSA-2022:366)
960721 Rocky Linux Security Update for vim (RLSA-2022:0366)

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