



# CVE-2023-22809

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

## Summary

<b>CVE</b>	CVE-2023-22809
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-01-18 17:15:00 UTC
<b>Updated</b>	2023-11-17 19:32:00 UTC
<b>Description</b>	In Sudo before 1.9.12p2, the sudoedit (aka -e) feature mishandles extra arguments passed in the user-provided environment

## Risk And Classification

**Problem Types:** CWE-269

## 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="#">Debian</a>	<a href="#">Debian Linux</a>	11.0	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	36	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	37	All	All	All
Application	<a href="#">Sudo Project</a>	<a href="#">Sudo</a>	All	All	All	All
Application	<a href="#">Sudo Project</a>	<a href="#">Sudo</a>	1.9.12	-	All	All
Application	<a href="#">Sudo Project</a>	<a href="#">Sudo</a>	1.9.12	p1	All	All

## References

Reference	Source
[SECURITY] [DLA 3272-1] sudo security update	MLIST
[SECURITY] Fedora 37 Update: sudo-1.9.12-1.p2.fc37 - package-announce - Fedora Mailing-Lists	
CVE-2023-22809 Sudo Vulnerability in NetApp Products   NetApp Product Security	CONFIR
Sudoedit can edit arbitrary files   Sudo	CONFIR
sudo 1.9.12p1 Privilege Escalation ≈ Packet Storm	MISC
oss-security - CVE-2023-22809: Sudoedit can edit arbitrary files	MLIST

[SECURITY] Fedora 36 Update: sudo-1.9.12-2.p2.fc36 - package-announce - Fedora Mailing-Lists	FEDORA
[SECURITY] Fedora 37 Update: sudo-1.9.12-1.p2.fc37 - package-announce - Fedora Mailing-Lists	FEDORA
sudo: Root Privilege Escalation (GLSA 202305-12) — Gentoo security	GENTOO
Sudoedit Extra Arguments Privilege Escalation ≈ Packet Storm	MISC
[SECURITY] Fedora 36 Update: sudo-1.9.12-2.p2.fc36 - package-announce - Fedora Mailing-Lists	FEDORA
Cisco ThousandEyes Enterprise Agent Virtual Appliance Arbitrary File Modification ≈ Packet Storm	MISC
www.synacktiv.com/sites/default/files/2023-01/sudo-CVE-2023-22809.pdf	MISC
About the security content of macOS Ventura 13.4 - Apple Support	CONFIRMED
Full Disclosure: KL-001-2023-003: Cisco ThousandEyes Enterprise Agent Virtual Appliance Arbitrary File Modification via sudoedit	FULLDISCLOSURE
Debian -- Security Information -- DSA-5321-1 sudo	DEBIAN
CVE Program record	CVE.OF
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

<a href="#">160406</a> Oracle Enterprise Linux Security Update for sudo (ELSA-2023-0284)
<a href="#">160407</a> Oracle Enterprise Linux Security Update for sudo (ELSA-2023-0282)
<a href="#">160409</a> Oracle Enterprise Linux Security Update for sudo (ELSA-2023-0291)
<a href="#">160480</a> Oracle Enterprise Linux Security Update for sudo (ELSA-2023-12143)
<a href="#">181480</a> Debian Security Update for sudo (DLA 3272-1)
<a href="#">181482</a> Debian Security Update for sudo (DSA 5321-1)
<a href="#">182156</a> Debian Security Update for sudo (CVE-2023-22809)
<a href="#">199112</a> Ubuntu Security Notification for Sudo Vulnerabilities (USN-5811-1)
<a href="#">199475</a> Ubuntu Security Notification for Sudo Vulnerability (USN-5811-3)
<a href="#">199526</a> Ubuntu Security Notification for Sudo Vulnerability (USN-5811-2)
<a href="#">241081</a> Red Hat Update for sudo (RHSA-2023:0284)
<a href="#">241082</a> Red Hat Update for sudo (RHSA-2023:0291)
<a href="#">241083</a> Red Hat Update for sudo (RHSA-2023:0282)
<a href="#">241086</a> Red Hat Update for sudo (RHSA-2023:0283)
<a href="#">241088</a> Red Hat Update for sudo (RHSA-2023:0281)
<a href="#">241102</a> Red Hat Update for sudo (RHSA-2023:0293)

<a href="#">241599</a> Red Hat Update for sudo (RHSA-2023:0292)
<a href="#">241626</a> Red Hat Update for sudo (RHSA-2023:3276)
<a href="#">241669</a> Red Hat Update for sudo (RHSA-2023:0280)
<a href="#">257216</a> CentOS Security Update for sudo (CESA-2023:0291)
<a href="#">283623</a> Fedora Security Update for sudo (FEDORA-2023-9078f609e6)
<a href="#">283684</a> Fedora Security Update for sudo (FEDORA-2023-298c136eee)
<a href="#">354717</a> Amazon Linux Security Advisory for sudo : ALAS-2023-1682
<a href="#">354795</a> Amazon Linux Security Advisory for sudo : ALAS2-2023-1985
<a href="#">355060</a> Amazon Linux Security Advisory for sudo : AL2012-2023-384
<a href="#">355189</a> Amazon Linux Security Advisory for sudo : ALAS2023-2023-106
<a href="#">377949</a> Alibaba Cloud Linux Security Update for sudo (ALINUX2-SA-2023:0004)
<a href="#">377956</a> Alibaba Cloud Linux Security Update for sudo (ALINUX3-SA-2023:0010)
<a href="#">390274</a> Oracle VM Server for x86 Security Update for sudo (OVMSA-2023-0003)
<a href="#">502641</a> Alpine Linux Security Update for sudo
<a href="#">672748</a> EulerOS Security Update for sudo (EulerOS-SA-2023-1484)
<a href="#">672782</a> EulerOS Security Update for sudo (EulerOS-SA-2023-1459)
<a href="#">672812</a> EulerOS Security Update for sudo (EulerOS-SA-2023-1541)
<a href="#">672824</a> EulerOS Security Update for sudo (EulerOS-SA-2023-1566)
<a href="#">672873</a> EulerOS Security Update for sudo (EulerOS-SA-2023-1611)
<a href="#">672909</a> EulerOS Security Update for sudo (EulerOS-SA-2023-1770)
<a href="#">672957</a> EulerOS Security Update for sudo (EulerOS-SA-2023-1792)
<a href="#">673067</a> EulerOS Security Update for sudo (EulerOS-SA-2023-2173)
<a href="#">710720</a> Gentoo Linux sudo Root Privilege Escalation Vulnerability (GLSA 202305-12)
<a href="#">753539</a> SUSE Enterprise Linux Security Update for sudo (SUSE-SU-2023:0101-1)
<a href="#">753544</a> SUSE Enterprise Linux Security Update for sudo (SUSE-SU-2023:0115-1)
<a href="#">753545</a> SUSE Enterprise Linux Security Update for sudo (SUSE-SU-2023:0114-1)
<a href="#">753548</a> SUSE Enterprise Linux Security Update for sudo (SUSE-SU-2023:0116-1)
<a href="#">753551</a> SUSE Enterprise Linux Security Update for sudo (SUSE-SU-2023:0117-1)

<a href="#">905272</a> Common Base Linux Mariner (CBL-Mariner) Security Update for sudo (13022)
<a href="#">905278</a> Common Base Linux Mariner (CBL-Mariner) Security Update for sudo (13030)
<a href="#">905610</a> Common Base Linux Mariner (CBL-Mariner) Security Update for sudo (13030-1)
<a href="#">905669</a> Common Base Linux Mariner (CBL-Mariner) Security Update for sudo (13022-1)
<a href="#">906607</a> Common Base Linux Mariner (CBL-Mariner) Security Update for sudo (13022-3)
<a href="#">906679</a> Common Base Linux Mariner (CBL-Mariner) Security Update for sudo (13030-3)
<a href="#">940889</a> AlmaLinux Security Update for sudo (ALSA-2023:0284)
<a href="#">940892</a> AlmaLinux Security Update for sudo (ALSA-2023:0282)
<a href="#">960526</a> Rocky Linux Security Update for sudo (RLSA-2023:0282)
<a href="#">960581</a> Rocky Linux Security Update for sudo (RLSA-2023:0284)

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