



CVE-2019-14287

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2019-14287
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-10-17 18:15:00 UTC
Updated	2023-11-07 03:04:00 UTC
Description	In Sudo before 1.8.28, an attacker with access to a Runas ALL sudoer account can bypass certain policy blacklists and ses

Risk And Classification

Problem Types: CWE-755

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	19.04	All	All	All
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	19.04	All	All	All
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Fedoraproject	Fedora	29	All	All	All

Operating System	Fedoraproject	Fedora	30	All	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All
Operating System	Fedoraproject	Fedora	30	All	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All
Application	Netapp	Element Software Management Node	-	All	All	All
Application	Netapp	Element Software Management Node	-	All	All	All
Operating System	Opensuse	Leap	15.0	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Operating System	Opensuse	Leap	15.0	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Eus	7.5	All	All	All
Operating System	Redhat	Enterprise Linux Eus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Eus	7.7	All	All	All
Operating System	Redhat	Enterprise Linux Eus	8.1	All	All	All
Operating System	Redhat	Enterprise Linux Eus	8.2	All	All	All
Operating System	Redhat	Enterprise Linux Eus	8.4	All	All	All
Operating System	Redhat	Enterprise Linux Server	5.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	6.5	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	6.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.2	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.3	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.7	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	8.2	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	8.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.2	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.3	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.6	All	All	All

Operating System	Redhat	Enterprise Linux Server Tus	7.7	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	8.2	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	8.4	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All
Application	Redhat	Openshift Container Platform	4.1	All	All	All
Application	Redhat	Virtualization	4.2	All	All	All
Application	Sudo Project	Sudo	All	All	All	All
Application	Sudo Project	Sudo	All	All	All	All

References

Reference	Source	Link
Red Hat Customer Portal	REDHAT	access.redhat.com
oss-security - Re: Membership application for linux-distros - VMware	MLIST	www.openwall.com
Bugtraq: [slackware-security] sudo (SSA:2019-287-01)	BUGTRAQ	seclists.org
Red Hat Customer Portal	REDHAT	access.redhat.com
sudo: Multiple vulnerabilities (GLSA 202003-12) — Gentoo security	GENTOO	security.gentoo.org
Red Hat Customer Portal	REDHAT	access.redhat.com
Debian -- Security Information -- DSA-4543-1 sudo	DEBIAN	www.debian.org
[SECURITY] [DLA 1964-1] sudo security update	MLIST	lists.debian.org
[SECURITY] Fedora 31 Update: sudo-1.8.28-1.fc31 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] Fedora 30 Update: sudo-1.8.28-1.fc30 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
Red Hat Customer Portal	REDHAT	access.redhat.com
Sudo Vulnerability Cheat Sheet: What You Need to Know About CVE-2019-14287	MISC	resources.whitesourcesoftware.com
support.f5.com/csp/article/K53746212	CONFIRM	support.f5.com
myF5		support.f5.com
Slackware Security Advisory - sudo Updates ≈ Packet Storm	MISC	packetstormsecurity.com
USN-4154-1: Sudo vulnerability Ubuntu security notices	UBUNTU	usn.ubuntu.com
Red Hat Customer Portal	REDHAT	access.redhat.com
oss-security - Re: Sudo: CVE-2019-14287	MLIST	www.openwall.com
Red Hat Customer Portal	REDHAT	access.redhat.com
Red Hat Customer Portal	REDHAT	access.redhat.com
Red Hat Customer Portal	REDHAT	access.redhat.com
Red Hat Customer Portal	REDHAT	access.redhat.com
Document Display HPE Support Center	CONFIRM	support.hpe.com
[security-announce] openSUSE-SU-2019:2316-1: important: Security update	SUSE	lists.opensuse.org

[security-announce] openSUSE-SU-2019:2333-1: important: Security update	SUSE	lists.opensuse.org
Red Hat Customer Portal	REDHAT	access.redhat.com
oss-security - Sudo: CVE-2019-14287	MLIST	www.openwall.com
[SECURITY] Fedora 29 Update: sudo-1.8.28-1.fc29 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
Red Hat Customer Portal	REDHAT	access.redhat.com
Potential bypass of Runas user restrictions	CONFIRM	www.sudo.ws
oss-security - Re: Oracle Solaris membership in the distros list	MLIST	www.openwall.com
[SECURITY] Fedora 30 Update: sudo-1.8.28-1.fc30 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
Red Hat Customer Portal	REDHAT	access.redhat.com
Red Hat Customer Portal	REDHAT	access.redhat.com
Red Hat Customer Portal	REDHAT	access.redhat.com
[SECURITY] Fedora 31 Update: sudo-1.8.28-1.fc31 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
Red Hat Customer Portal	REDHAT	access.redhat.com
Bugtraq: [SECURITY] [DSA 4543-1] sudo security update	BUGTRAQ	seclists.org
CVE-2019-14287 Sudo Vulnerability in NetApp Products NetApp Product Security	CONFIRM	security.netapp.com
[SECURITY] Fedora 29 Update: sudo-1.8.28-1.fc29 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
oss-security - Membership application for linux-distros - VMware	MLIST	www.openwall.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[296079](#) Oracle Solaris 11.4 Support Repository Update (SRU) 15.5.0 Missing (CPUOCT2019)

[352284](#) Amazon Linux Security Update for sudo: AL2012-2020-298

[377068](#) Alibaba Cloud Linux Security Update for sudo (ALINUX2-SA-2019:0119)

[377324](#) Alibaba Cloud Linux Security Update for sudo (ALINUX3-SA-2022:0113)

[378280](#) Virtuozzo Linux Security Update for sudo (VZLSA-2019:3755)

[390227](#) Oracle Managed Virtualization (VM) Server for x86 Security Update for sudo (OVMSA-2021-0012)

[500675](#) Alpine Linux Security Update for sudo

[671132](#) EulerOS Security Update for sudo (EulerOS-SA-2019-2304)

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