



CVE-2019-19921

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

Summary

CVE	CVE-2019-19921
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-02-12 15:15:00 UTC
Updated	2023-11-07 03:07:00 UTC
Description	runc through 1.0.0-rc9 has Incorrect Access Control leading to Escalation of Privileges, related to libcontainer/rootfs_linux.g

Risk And Classification

Problem Types: CWE-706

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	19.10	All	All	All
Operating System	Debian	Debian Linux	10.0	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	9.0	All	All	All
Application	Linuxfoundation	Runc	1.0.0	rc1	All	All
Application	Linuxfoundation	Runc	1.0.0	rc2	All	All
Application	Linuxfoundation	Runc	1.0.0	rc3	All	All
Application	Linuxfoundation	Runc	1.0.0	rc4	All	All
Application	Linuxfoundation	Runc	1.0.0	rc5	All	All
Application	Linuxfoundation	Runc	1.0.0	rc6	All	All
Application	Linuxfoundation	Runc	1.0.0	rc7	All	All
Application	Linuxfoundation	Runc	1.0.0	rc8	All	All
Application	Linuxfoundation	Runc	1.0.0	rc9	All	All
Application	Linuxfoundation	Runc	All	All	All	All
Application	Linuxfoundation	Runc	1.0.0	rc1	All	All

Application	Linuxfoundation	Runc	1.0.0	rc2	All	All
Application	Linuxfoundation	Runc	1.0.0	rc3	All	All
Application	Linuxfoundation	Runc	1.0.0	rc4	All	All
Application	Linuxfoundation	Runc	1.0.0	rc5	All	All
Application	Linuxfoundation	Runc	1.0.0	rc6	All	All
Application	Linuxfoundation	Runc	1.0.0	rc7	All	All
Application	Linuxfoundation	Runc	1.0.0	rc8	All	All
Application	Linuxfoundation	Runc	1.0.0	rc9	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Application	Redhat	Openshift Container Platform	4.1	All	All	All
Application	Redhat	Openshift Container Platform	4.2	All	All	All

References

Reference	Source	Link
[SECURITY] Fedora 38 Update: golang-github-opencontainers-runc-1.1.8-2.fc38 - package-announce - Fedora Mailing-Lists	FEDORA	link
[SECURITY] Fedora 36 Update: runc-1.1.6-1.fc36 - package-announce - Fedora Mailing-Lists	FEDORA	link
Releases · opencontainers/runc · GitHub	MISC	github
[SECURITY] Fedora 38 Update: runc-1.1.6-1.fc38 - package-announce - Fedora Mailing-Lists		link
Adding Security audit by amye · Pull Request #2190 · opencontainers/runc · GitHub	MISC	github
[SECURITY] Fedora 38 Update: runc-1.1.6-1.fc38 - package-announce - Fedora Mailing-Lists	FEDORA	link
Red Hat Customer Portal	REDHAT	article
[SECURITY] Fedora 37 Update: runc-1.1.6-1.fc37 - package-announce - Fedora Mailing-Lists		link
[SECURITY] Fedora 37 Update: runc-1.1.6-1.fc37 - package-announce - Fedora Mailing-Lists	FEDORA	link
CVE-2019-19921	MISC	security
[SECURITY] [DLA 3369-1] runc security update	MLIST	link
[SECURITY] Fedora 38 Update: golang-github-opencontainers-runc-1.1.8-2.fc38 - package-announce - Fedora Mailing-Lists		link
[security-announce] openSUSE-SU-2020:0219-1: moderate: Security update f	SUSE	link
[SECURITY] Fedora 37 Update: golang-github-opencontainers-runc-1.1.8-2.fc37 - package-announce - Fedora Mailing-Lists	FEDORA	link
[CVE-2019-19921]: Volume mount race condition with shared mounts · Issue #2197 · opencontainers/runc · GitHub	MISC	github
[SECURITY] Fedora 37 Update: golang-github-opencontainers-runc-1.1.8-2.fc37 - package-announce - Fedora Mailing-Lists		link
runC: Multiple vulnerabilities (GLSA 202003-21) — Gentoo security	GENTOO	security
Red Hat Customer Portal	REDHAT	article
USN-4297-1: runC vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	ubuntu
[SECURITY] Fedora 36 Update: runc-1.1.6-1.fc36 - package-announce - Fedora Mailing-Lists		link
CVE-2019-19921	CVE-2019-19921	

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

159667 Oracle Enterprise Linux Security Update for container-tools:ol8 (ELSA-2020-1650)
174971 SUSE Enterprise Linux Security Update for containerd, docker, runc (SUSE-SU-2021:1458-1)
181640 Debian Security Update for runc (DLA 3369-1)
199528 Ubuntu Security Notification for runC Vulnerabilities (USN-6088-2)
283911 Fedora Security Update for runc (FEDORA-2023-1bcbb1db39)
283912 Fedora Security Update for runc (FEDORA-2023-1ba499965f)
284186 Fedora Security Update for runc (FEDORA-2023-3cccbc4c95)
284402 Fedora Security Update for golang (FEDORA-2023-9edf2145fb)
284412 Fedora Security Update for golang (FEDORA-2023-6e6d9065e0)
353050 Amazon Linux Security Advisory for runc : ALAS2NITRO-ENCLAVES-2021-009
353063 Amazon Linux Security Advisory for runc : ALAS2DOCKER-2021-009
377335 Alibaba Cloud Linux Security Update for container-tools:rhel8 (ALINUX3-SA-2022:0110)
500857 Alpine Linux Security Update for containerd
501237 Alpine Linux Security Update for runc
504639 Alpine Linux Security Update for containerd
671566 EulerOS Security Update for docker-engine (EulerOS-SA-2022-1585)
671581 EulerOS Security Update for docker-engine (EulerOS-SA-2022-1550)
671713 EulerOS Security Update for docker-runc (EulerOS-SA-2022-1762)
672861 EulerOS Security Update for docker-engine (EulerOS-SA-2023-1617)
673220 EulerOS Security Update for docker-engine (EulerOS-SA-2023-2352)
673225 EulerOS Security Update for docker-engine (EulerOS-SA-2023-2378)
673273 EulerOS Security Update for docker-runc (EulerOS-SA-2023-2581)
673302 EulerOS Security Update for docker-runc (EulerOS-SA-2023-2611)
770015 Red Hat OpenShift Container Platform 4.2.22 Security Update (RHSA-2020:0688)

770017 Red Hat OpenShift Container Platform 4.1.38 Security Update (RHSA-2020:0695)

940531 AlmaLinux Security Update for container-tools:rhel8 (ALSA-2020:1650)

960829 Rocky Linux Security Update for container-tools:rhel8 (RLSA-2020:1650)

982388 Go (go) Security Update for github.com/opencontainers/runc/libcontainer (GHSA-fh74-hm69-rqjw)

© [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](#)