



CVE-2023-27561

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

Summary

CVE	CVE-2023-27561
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-03-03 19:15:00 UTC
Updated	2023-11-07 04:09:00 UTC
Description	runc through 1.1.4 has Incorrect Access Control leading to Escalation of Privileges, related to libcontainer/rootfs_linux.go. T

Risk And Classification

Problem Types: CWE-706

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	10.0	All	All	All
Application	Linuxfoundation	Runc	All	All	All	All
Application	Linuxfoundation	Runc	All	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux	9.0	All	All	All
Application	Redhat	Openshift Container Platform	4.0	All	All	All

References

Reference	Source	L
[SECURITY] Fedora 38 Update: golang-github-opencontainers-runc-1.1.8-2.fc38 - package-announce - Fedora Mailing-Lists	FEDORA	lis
runc_poc.md · GitHub	MISC	gi
[SECURITY] Fedora 36 Update: runc-1.1.6-1.fc36 - package-announce - Fedora Mailing-Lists	FEDORA	lis
[CVE-2019-19921]: Volume mount race condition with shared mounts · Issue #2197 · opencontainers/runc · GitHub	MISC	gi
CVE-2019-19921 re-introduction/regression · Issue #3751 · opencontainers/runc · GitHub	MISC	gi
[SECURITY] Fedora 38 Update: runc-1.1.6-1.fc38 - package-announce - Fedora Mailing-Lists		lis
[SECURITY] Fedora 38 Update: runc-1.1.6-1.fc38 - package-announce - Fedora Mailing-Lists	FEDORA	lis
[SECURITY] Fedora 37 Update: runc-1.1.6-1.fc37 - package-announce - Fedora Mailing-Lists		lis

[SECURITY] Fedora 37 Update: runc-1.1.6-1.fc37 - package-announce - Fedora Mailing-Lists	FEDORA	lis
[SECURITY] [DLA 3369-1] runc security update	MLIST	lis
[SECURITY] Fedora 38 Update: golang-github-opencontainers-runc-1.1.8-2.fc38 - package-announce - Fedora Mailing-Lists		lis
[SECURITY] Fedora 37 Update: golang-github-opencontainers-runc-1.1.8-2.fc37 - package-announce - Fedora Mailing-Lists	FEDORA	lis
[SECURITY] Fedora 37 Update: golang-github-opencontainers-runc-1.1.8-2.fc37 - package-announce - Fedora Mailing-Lists		lis
[SECURITY] Fedora 36 Update: runc-1.1.6-1.fc36 - package-announce - Fedora Mailing-Lists		lis
CVE Program record	CVE.ORG	w
NVD vulnerability detail	NVD	n

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[160789](#) Oracle Enterprise Linux Security Update for aardvark-dns (ELSA-2023-12579)

[160797](#) Oracle Enterprise Linux Security Update for buildah (ELSA-2023-12578)

[161114](#) Oracle Enterprise Linux Security Update for runc (ELSA-2023-6380)

[161175](#) Oracle Enterprise Linux Security Update for container-tools:ol8 (ELSA-2023-6939)

[161187](#) Oracle Enterprise Linux Security Update for container-tools:4.0 (ELSA-2023-6938)

[181640](#) Debian Security Update for runc (DLA 3369-1)

[183022](#) Debian Security Update for runc (CVE-2023-27561)

[199349](#) Ubuntu Security Notification for runC Vulnerabilities (USN-6088-1)

[199528](#) Ubuntu Security Notification for runC Vulnerabilities (USN-6088-2)

[241745](#) Red Hat OpenShift Container Platform 4.13 Security Update (RHSA-2023:3612)

[241856](#) Red Hat OpenShift Container Platform 4.13 Security Update (RHSA-2023:4093)

[242301](#) Red Hat Update for runc (RHSA-2023:6380)

[242415](#) Red Hat Update for container-tools:rhel8 (RHSA-2023:6939)

[242458](#) Red Hat Update for container-tools:4.0 (RHSA-2023:6938)

[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-2023-3ccc4c95)

[284402](#) Fedora Security Update for golang (FEDORA-2023-9edf2145fb)

[284412](#) Fedora Security Update for golang (FEDORA-2023-6e6d9065e0)

355356 Amazon Linux Security Advisory for runc : ALAS2NITRO-ENCLAVES-2023-024
355359 Amazon Linux Security Advisory for runc : ALAS2DOCKER-2023-025
355440 Amazon Linux Security Advisory for runc : ALAS2023-2023-208
355564 Amazon Linux Security Advisory for runc : ALAS2ECS-2023-004
379641 Alibaba Cloud Linux Security Update for container-tools:rhel8 (ALINUX3-SA-2024:0050)
502952 Alpine Linux Security Update for runc
502953 Alpine Linux Security Update for runc
503262 Alpine Linux Security Update for runc
503263 Alpine Linux Security Update for runc
506236 Alpine Linux Security Update for runc
506237 Alpine Linux Security Update for runc
6140376 AWS Bottlerocket Security Update for runc (GHSA-8pmj-g99j-rqjm)
672894 EulerOS Security Update for docker-runc (EulerOS-SA-2023-1818)
672897 EulerOS Security Update for docker-runc (EulerOS-SA-2023-1800)
673898 EulerOS Security Update for docker-runc (EulerOS-SA-2023-2680)
673972 EulerOS Security Update for docker-runc (EulerOS-SA-2023-2638)
753943 SUSE Enterprise Linux Security Update for runc (SUSE-SU-2023:2003-1)
770195 Red Hat OpenShift Container Platform 4.13 Security Update (RHSA-2023:3612)
770200 Red Hat OpenShift Container Platform 4.13 Security Update (RHSA-2023:4093)
906777 Common Base Linux Mariner (CBL-Mariner) Security Update for moby-runc (25571-1)
906843 Common Base Linux Mariner (CBL-Mariner) Security Update for moby-runc (25574-1)
941400 AlmaLinux Security Update for runc (ALSA-2023:6380)
941444 AlmaLinux Security Update for container-tools:4.0 (ALSA-2023:6938)
941481 AlmaLinux Security Update for container-tools:rhel8 (ALSA-2023:6939)

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](#)