



# CVE-2021-30465

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

## Summary

<b>CVE</b>	CVE-2021-30465
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2021-05-27 13:15:00 UTC
<b>Updated</b>	2023-11-07 03:33:00 UTC
<b>Description</b>	runc before 1.0.0-rc95 allows a Container Filesystem Breakout via Directory Traversal. To exploit the vulnerability, an attack

## Risk And Classification

**Problem Types:** CWE-362

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	33	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	34	All	All	All
Application	<a href="#">Linuxfoundation</a>	<a href="#">Runc</a>	1.0.0	rc1	All	All
Application	<a href="#">Linuxfoundation</a>	<a href="#">Runc</a>	1.0.0	rc10	All	All
Application	<a href="#">Linuxfoundation</a>	<a href="#">Runc</a>	1.0.0	rc2	All	All
Application	<a href="#">Linuxfoundation</a>	<a href="#">Runc</a>	1.0.0	rc3	All	All
Application	<a href="#">Linuxfoundation</a>	<a href="#">Runc</a>	1.0.0	rc4	All	All
Application	<a href="#">Linuxfoundation</a>	<a href="#">Runc</a>	1.0.0	rc5	All	All
Application	<a href="#">Linuxfoundation</a>	<a href="#">Runc</a>	1.0.0	rc6	All	All
Application	<a href="#">Linuxfoundation</a>	<a href="#">Runc</a>	1.0.0	rc7	All	All
Application	<a href="#">Linuxfoundation</a>	<a href="#">Runc</a>	1.0.0	rc8	All	All
Application	<a href="#">Linuxfoundation</a>	<a href="#">Runc</a>	1.0.0	rc9	All	All
Application	<a href="#">Linuxfoundation</a>	<a href="#">Runc</a>	1.0.0	rc90	All	All
Application	<a href="#">Linuxfoundation</a>	<a href="#">Runc</a>	1.0.0	rc91	All	All
Application	<a href="#">Linuxfoundation</a>	<a href="#">Runc</a>	1.0.0	rc92	All	All
Application	<a href="#">Linuxfoundation</a>	<a href="#">Runc</a>	1.0.0	rc93	All	All
Application	<a href="#">Linuxfoundation</a>	<a href="#">Runc</a>	1.0.0	rc94	All	All

Application	Linuxfoundation	Runc	All	All	All	All
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## References

Reference	Source
Releases · opencontainers/runc · GitHub	MITRE
mount destinations can be swapped via symlink-exchange to cause mounts outside the rootfs · Advisory · opencontainers/runc · GitHub	CC
[SECURITY] Fedora 33 Update: runc-1.0.0-378.rc95.fc33 - package-announce - Fedora Mailing-Lists	
runC: Container breakout (GLSA 202107-26) — Gentoo security	GE
[SECURITY] Fedora 33 Update: runc-1.0.0-378.rc95.fc33 - package-announce - Fedora Mailing-Lists	FE
[SECURITY] [DLA 3369-1] runc security update	ML
rootfs: add mount destination validation · opencontainers/runc@0ca91f4 · GitHub	MITRE
Bug 1185405 – VUL-0: CVE-2021-30465: runc: vulnerable to symlink-exchange attack	MITRE
[SECURITY] Fedora 34 Update: runc-1.0.0-378.rc95.fc34 - package-announce - Fedora Mailing-Lists	FE
[SECURITY] Fedora 34 Update: runc-1.0.0-378.rc95.fc34 - package-announce - Fedora Mailing-Lists	
oss-security - CVE-2021-30465: runc <1.0.0-rc95 vulnerable to symlink-exchange attack	MITRE
CVE-2021-30465 Opencontainers-runc Vulnerability in NetApp Products   NetApp Product Security	CC
CVE Program record	CV
NVD vulnerability detail	NV

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

159256 Oracle Enterprise Linux Security Update for container-tools:2.0 (ELSA-2021-2291)
159272 Oracle Enterprise Linux Security Update for runc (ELSA-2021-9298)
159273 Oracle Enterprise Linux Security Update for container-tools:3.0 (ELSA-2021-2370)
159274 Oracle Enterprise Linux Security Update for container-tools:ol8 (ELSA-2021-2371)
159283 Oracle Enterprise Linux Security Update for docker-engine docker-cli (ELSA-2021-15112)
159293 Oracle Enterprise Linux Security Update for docker-engine docker-cli (ELSA-2021-9329)
159381 Oracle Enterprise Linux Security Update for runc (ELSA-2021-14902)
180379 Debian Security Update for runc (CVE-2021-30465)
181640 Debian Security Update for runc (DLA 3369-1)
198378 Ubuntu Security Notification for runC vulnerability (USN-4960-1)
239346 Red Hat Update for runc (RHSA-2021:2145)

<a href="#">239347</a> Red Hat Update for docker (RHSA-2021:2144)
<a href="#">239352</a> Red Hat Update for OpenShift Container Platform 4.5.40 (RHSA-2021:2057)
<a href="#">239357</a> Red Hat Update for OpenShift Container Platform 4.6.30 packages and (RHSA-2021:1566)
<a href="#">239358</a> Red Hat Update for OpenShift Container Platform 4.7.12 packages and (RHSA-2021:1562)
<a href="#">239384</a> Red Hat Update for container-tools:rhel8 (RHSA-2021:2371)
<a href="#">239385</a> Red Hat Update for container-tools:3.0 (RHSA-2021:2370)
<a href="#">239410</a> Red Hat Update for container-tools:2.0 (RHSA-2021:2292)
<a href="#">239411</a> Red Hat Update for container-tools:2.0 (RHSA-2021:2291)
<a href="#">239425</a> Red Hat Update for OpenShift Container Platform 3.11.452 bug fix and (RHSA-2021:2150)
<a href="#">281122</a> Fedora Security Update for runc (FEDORA-2021-2eb67ba3c2)
<a href="#">281123</a> Fedora Security Update for runc (FEDORA-2021-0440f235a0)
<a href="#">352304</a> Amazon Linux Security Advisory for runc: ALAS-2021-1499
<a href="#">353051</a> Amazon Linux Security Advisory for runc : ALAS2NITRO-ENCLAVES-2021-008
<a href="#">353064</a> Amazon Linux Security Advisory for runc : ALAS2DOCKER-2021-008
<a href="#">377121</a> Alibaba Cloud Linux Security Update for container-tools:rhel8 (ALINUX3-SA-2021:0034)
<a href="#">501240</a> Alpine Linux Security Update for runc
<a href="#">502105</a> Alpine Linux Security Update for k3s
<a href="#">6140085</a> AWS Bottlerocket Security Update for runc (GHSA-f38j-qm72-5cp9)
<a href="#">670534</a> EulerOS Security Update for docker-engine (EulerOS-SA-2021-2292)
<a href="#">670765</a> EulerOS Security Update for docker-engine (EulerOS-SA-2021-2523)
<a href="#">670789</a> EulerOS Security Update for docker-engine (EulerOS-SA-2021-2547)
<a href="#">672866</a> EulerOS Security Update for docker-engine (EulerOS-SA-2023-1618)
<a href="#">673220</a> EulerOS Security Update for docker-engine (EulerOS-SA-2023-2352)
<a href="#">673225</a> EulerOS Security Update for docker-engine (EulerOS-SA-2023-2378)
<a href="#">710050</a> Gentoo Linux runC Container breakout (GLSA 202107-26)
<a href="#">750127</a> SUSE Enterprise Linux Security Update for runc (SUSE-SU-2021:1885-1)
<a href="#">750155</a> SUSE Enterprise Linux Security Update for containerd, docker, runc (SUSE-SU-2021:1954-1)
<a href="#">750648</a> OpenSUSE Security Update for containerd, docker, runc (openSUSE-SU-2021:0878-1)

<a href="#">750812</a> OpenSUSE Security Update for containerd, docker, runc (openSUSE-SU-2021:1954-1)
<a href="#">751272</a> SUSE Enterprise Linux Security Update for containerd, docker, runc (SUSE-SU-2021:3506-1)
<a href="#">751273</a> OpenSUSE Security Update for containerd, docker, runc (openSUSE-SU-2021:3506-1)
<a href="#">751303</a> OpenSUSE Security Update for containerd, docker, runc (openSUSE-SU-2021:1404-1)
<a href="#">770060</a> Red Hat OpenShift Container Platform 4.7.12 Packages and Security Update (RHSA-2021:1562)
<a href="#">770061</a> Red Hat OpenShift Container Platform 4.6.30 Packages and Security Update (RHSA-2021:1566)
<a href="#">770062</a> Red Hat OpenShift Container Platform 4.5.40 Security and Bug Fix Update (RHSA-2021:2057)
<a href="#">770092</a> Red Hat OpenShift Container Platform 4.7 Security Update (RHSA-2021-1562)
<a href="#">770098</a> Red Hat OpenShift Container Platform 4.6 Security Update (RHSA-2021-1566)
<a href="#">770117</a> Red Hat OpenShift Container Platform 4.5 Security Update (RHSA-2021-2057)
<a href="#">940119</a> AlmaLinux Security Update for container-tools:rhel8 (ALSA-2021:2371)
<a href="#">940303</a> AlmaLinux Security Update for container-tools:2.0 (ALSA-2021:2291)
<a href="#">940347</a> AlmaLinux Security Update for container-tools:3.0 (ALSA-2021:2370)
<a href="#">960017</a> Rocky Linux Security Update for container-tools:3.0 (RLSA-2021:2370)
<a href="#">960060</a> Rocky Linux Security Update for container-tools:rhel8 (RLSA-2021:2371)
<a href="#">960089</a> Rocky Linux Security Update for container-tools:2.0 (RLSA-2021:2291)
<a href="#">982011</a> Go (go) Security Update for github.com/opencontainers/runc (GHSA-c3xm-pvg7-gh7r)

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