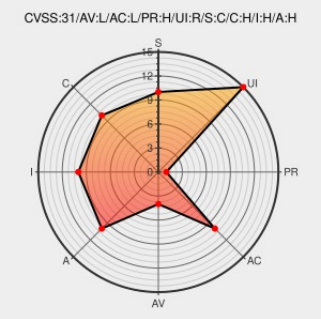
CVE-2019-10147

Published on: 06/03/2019 12:00:00 AM UTC

Last Modified on: 02/12/2023 11:06:59 PM UTC

CVE-2019-10147

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Rkt from Redhat contain the following vulnerability:

rkt through version 1.30.0 does not isolate processes in containers that are run with `rkt enter`. Processes run with `rkt enter` are not limited by cgroups during stage 2 (the actual environment in which the applications run). Compromised containers could exploit this flaw to access host resources.

CVE-2019-10147 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **[UNKNOWN]** - **rkt** version **= 1.30.0**

CVSS3 Score: 7.7 - HIGH

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	HIGH	REQUIRED
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
CHANGED	HIGH	HIGH	HIGH

CVSS2 Score: 6.9 - MEDIUM

Access Vector	Access Complexity	Authentication
LOCAL	MEDIUM	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
1714434 – (CVE-2019-10147) CVE-2019-10147 rkt: processes run with `rkt enter` are not limited by cgroups during stage 2	Issue Tracking Third Party Advisory bugzilla.redhat.com	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=CVE-2019-10147

	text/html	
Comprehensive Cloud Security | Prisma - Palo Alto Networks	Exploit Third Party Advisory www.twistlock.com text/html	MISC www.twistlock.com/labs-blog/breaking-out-of-coresos-rkt-3-new-cves/

By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Redhat	Rkt	All	All	All	All

cpe:2.3:a:redhat:rkt:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→