CVE-2019-19351

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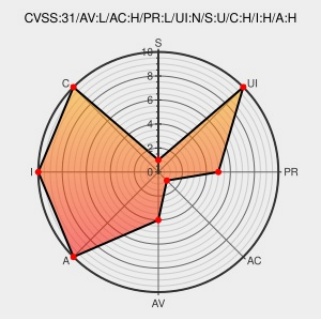
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Openshift from Redhat contain the following vulnerability:

An insecure modification vulnerability in the /etc/passwd file was found in the container openshift/jenkins. An attacker with access to the container could use this flaw to modify /etc/passwd and escalate their privileges. This CVE is specific to the openshift/jenkins-slave-base-rhel7-containera as shipped in Openshift 4 and 3.11.

CVE-2019-19351 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **Red Hat** - **openshift** version **= Openshift 4 and 3.11**

CVSS3 Score: 7 - HIGH

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	HIGH	LOW	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: 4.4 - MEDIUM

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

CVE References

Description	Tags	Link
Red Hat Customer Portal - Access to 24x7 support and knowledge	access.redhat.com	MISC

	text/html	access.redhat.com/errata/RHSA-2020:0526
Red Hat Customer Portal - Access to 24x7 support and knowledge	access.redhat.com text/html	MISC access.redhat.com/errata/RHSA-2020:0803
1793282 – (CVE-2019-19351) CVE-2019-19351 openshift/jenkins: /etc/passwd is given incorrect privileges	Issue Tracking Vendor Advisory bugzilla.redhat.com text/html	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=CVE-2019-19351
Red Hat Customer Portal - Access to 24x7 support and knowledge	access.redhat.com text/html	MISC access.redhat.com/errata/RHSA-2020:0562
1793282 – (CVE-2019-19351) CVE-2019-19351 openshift/jenkins: /etc/passwd is given incorrect privileges	bugzilla.redhat.com text/html	MISC bugzilla.redhat.com/show_bug.cgi?id=1793282
Red Hat Customer Portal - Access to 24x7 support and knowledge	access.redhat.com text/html	MISC access.redhat.com/security/cve/CVE-2019-19351
OpenShift Containers - Modification of /etc/passwd - Red Hat Customer Portal	access.redhat.com text/html	MISC access.redhat.com/articles/4859371

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Redhat	Openshift	3.11	All	All	All
Application	Redhat	Openshift	4.0	All	All	All
Application	Redhat	Openshift	3.11	All	All	All
Application	Redhat	Openshift	4.0	All	All	All

cpe:2.3:a:redhat:openshift:3.11:*:*:*:*:*:*:*:

cpe:2.3:a:redhat:openshift:4.0:*:*:*:*:*:*:*:

cpe:2.3:a:redhat:openshift:3.11:*:*:*:*:*:*:*:

cpe:2.3:a:redhat:openshift:4.0:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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CVE.report and Source URL Uptime Status status.cve.report