CVE-2018-1000866

Published on: 12/10/2018 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:24:31 PM UTC

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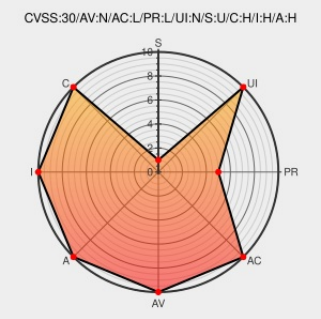
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Pipeline from Jenkins contain the following vulnerability:

A sandbox bypass vulnerability exists in Pipeline: Groovy Plugin 2.59 and earlier in groovy-sandbox/src/main/java/org/kohsuke/groovy/sandbox/SandboxTransformer.java, groovy-cps/lib/src/main/java/com/cloudbees/groovy/cps/SandboxCpsTransformer.java that allows attackers with Job/Configure permission, or unauthorized attackers with SCM commit privileges and corresponding pipelines based on Jenkinsfiles set up in Jenkins, to execute arbitrary code on the Jenkins master JVM

CVE-2018-1000866 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 8.8 - HIGH

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

CVSS2 Score: 6.5 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	SINGLE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	PARTIAL	PARTIAL

CVE References

CVE References

Description	Tags	Link
Jenkins Security Advisory 2018-10-29	Vendor Advisory jenkins.io text/html	CONFIRM jenkins.io/security/advisory/2018-10-29/#SECURITY-1186
Red Hat Customer Portal	Third Party Advisory access.redhat.com text/html	REDHAT RHBA-2019:0326
Red Hat Customer Portal	Third Party Advisory access.redhat.com text/html	REDHAT RHBA-2019:0327

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Jenkins	Pipeline	_groovy	All	All	All
Application	Jenkins	Pipeline	_groovy	All	All	All
Application	Redhat	Openshift Container Platform	3.11	All	All	All
Application	Redhat	Openshift Container Platform	3.11	All	All	All

cpe:2.3:a:jenkins:pipeline:_groovy:*:*:*:*:*:jenkins:*:

cpe:2.3:a:jenkins:pipeline\:_groovy:*:*:*:*:*:jenkins:*:

cpe:2.3:a:redhat:openshift_container_platform:3.11:*:*:*:*:*:*:*:

cpe:2.3:a:redhat:openshift_container_platform:3.11:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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