



CVE-2019-10417

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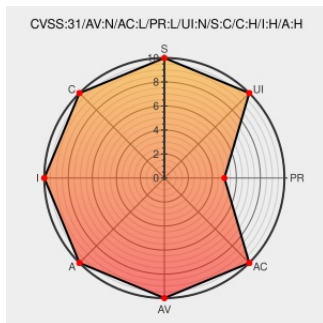
CVE-2019-10417

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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Certain versions of [Kubernetes Pipeline](#) from [Jenkins](#) contain the following vulnerability:

Jenkins Kubernetes :: Pipeline :: Kubernetes Steps Plugin provides a custom whitelist for script security that allowed attackers to invoke arbitrary methods, bypassing typical sandbox protection.

CVE-2019-10417 has been assigned by [jenkinsci-cert@googlegroups.com](#) to track the vulnerability - currently rated as **CRITICAL** severity.

Affected Vendor/Software: [Jenkins project](#) - [Jenkins Kubernetes :: Pipeline :: Kubernetes Steps Plugin](#) version = 1.6 and earlier

CVSS3 Score: **9.9 - CRITICAL**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	LOW	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
CHANGED	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

Description	Tags	Link
oss-security - Multiple vulnerabilities in Jenkins and	Mailing List	MITI (STI oss-security) 20190925 Multiple vulnerabilities in

See security

Multiple vulnerabilities in Jenkins and Jenkins plugins

mailing list

Third Party Advisory

www.openwall.com

text/html

CONFIRM

See security

Multiple vulnerabilities in Jenkins and Jenkins plugins

Jenkins Security Advisory 2019-09-25

jenkins.io

text/html

CONFIRM

jenkins.io/security/advisory/2019-09-25/#SECURITY-920%20(1)

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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	Kubernetes Pipeline	All	All	All	All

cpe:2.3:a:jenkins:kubernetes_pipeline:*:*:*:*:jenkins:*:*:

No vendor comments have been submitted for this CVE

← Previous ID

Next ID →

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