

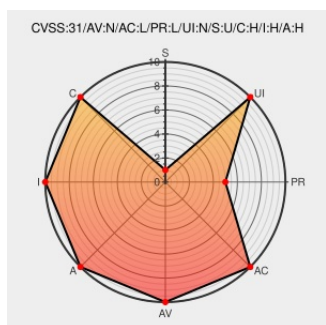


CVE-2020-2179

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CVE-2020-2179

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Yaml Axis](#) from [Jenkins](#) contain the following vulnerability:

Jenkins Yaml Axis Plugin 0.2.0 and earlier does not configure its YAML parser to prevent the instantiation of arbitrary types, resulting in a remote code execution vulnerability.

CVE-2020-2179 has been assigned by [jenkinsci-cert@googlegroups.com](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [Jenkins project](#) - **Jenkins Yaml Axis Plugin** version **<= 0.2.0**

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

Description	Tags	Link
oss-security - Multiple vulnerabilities in Jenkins plugins	Mailing List Third Party Advisory	MLIST [oss-security] 20200416 Multiple vulnerabilities in Jenkins plugins

Third Party Advisory

www.openwall.com

text/html

Jenkins Security Advisory 2020-04-16

Vendor Advisory

jenkins.io

text/html

 **CONFIRM** jenkins.io/security/advisory/2020-04-16/#SECURITY-1825

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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	Yaml Axis	All	All	All	All

cpe:2.3:a:jenkins:yaml_axis:*:*:*:*:jenkins:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVE_A_Day	CVE-2020-2179: Jenkins Yaml Axis Plugin 0.2.0 and earlier does not configure its YAML parser to prevent the instan... twitter.com/i/web/status/1...	2021-07-17 16:00:29

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