



CVE-2021-23444

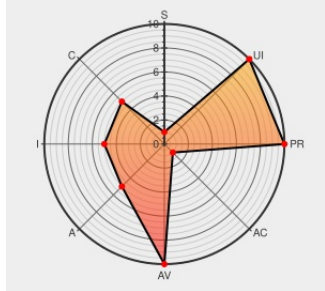
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[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

JS:31/AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:L/A:L/E:P/RL:O/R



Certain versions of [Jointjs](#) from [Client](#) contain the following vulnerability:

This affects the package jointjs before 3.4.2. A type confusion vulnerability can lead to a bypass of CVE-2020-28480 when the user-provided keys used in the path parameter are arrays in the setByPath function.

CVE-2021-23444 has been assigned by report@snyk.io to track the vulnerability - currently rated as **CRITICAL** severity.

CVSS3 Score: **9.8 - CRITICAL**

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

CVSS2 Score: **7.5 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
util.setByPath() - prevent prototype pollution (#1514) · clientIO/joint@e5bf89e · GitHub	github.com text/html	MISC github.com/clientIO/joint/commit/e5bf89efef6d5ea572d66870ffd86560de7830a8
Prototype Pollution in jointjs Snyk	snyk.io	MISC snyk.io/vuln/SNYK-JS-JOINTJS-1579578

[text/html](#)

Release Release v3.4.2 · clientIO/joint · GitHub

[github.com](#)[text/html](#)

 MISC github.com/clientIO/joint/releases/tag/v3.4.2

Prototype Pollution in
org.webjars.bower:jointjs | Snyk

[snyk.io](#)[text/html](#)

 MISC snyk.io/vuln/SNYK-JAVA-ORGWEBJARSBOWER-1655817

Prototype Pollution in
org.webjars.npm:jointjs | Snyk

[snyk.io](#)[text/html](#)

 MISC snyk.io/vuln/SNYK-JAVA-ORGWEBJARSNPM-1655816

util.setByPath() - prevent prototype
pollution by kumilingus · Pull Request
#1514 · clientIO/joint · GitHub

[github.com](#)[text/html](#)

 MISC github.com/clientIO/joint/pull/1514

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Related QID Numbers

[980582](#) Nodejs (npm) Security Update for jointjs (GHSA-f3pp-32qc-36w4)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Client	Jointjs	All	All	All	All
cpe:2.3:a:client:jointjs:*:*:*:*:node.js:*:*:						

Discovery Credit

Alessio Della Libera of Snyk Research Team

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-23444 : This affects the package jointjs before 3.4.2. A type confusion vulnerability can lead to a bypas... twitter.com/i/web/status/1...	2021-09-21 17:03:39
 @threatmeter	CVE-2021-23444 This affects the package jointjs before 3.4.2. A type confusion vulnerability can lead to a bypass o... twitter.com/i/web/status/1...	2021-09-22 07:09:56

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