

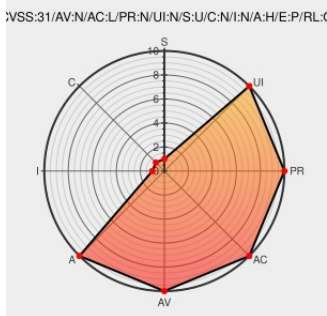


CVE-2021-23574

Published on: 12/24/2021 12:00:00 AM UTC

Last Modified on: 01/12/2022 05:09:00 PM UTC

CVE-2021-23574

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

Certain versions of [Js-data](#) from [Js-data](#) contain the following vulnerability:

All versions of package js-data are vulnerable to Prototype Pollution via the deepFillIn and the set functions. This is an incomplete fix of [CVE-2020-28442](https://snyk.io/vuln/SNYK-JS-JSDATA-1023655).

CVE-2021-23574 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
js-data/js-data.js at master · js-data/js-data · GitHub	github.com text/html	MISC github.com/js-data/js-data/blob/master/dist/js-data.js%23L472
Prototype Pollution in js-data CVE-2021-23574 Snyk	snyk.io	MISC snyk.io/vuln/SNYK-JS-

	text/html	JSDATA-1584361
Prototype Pollution in org.webjars.npm:js-data CVE-2021-23574 Snyk	snyk.io text/html	MISC snyk.io/vuln/SNYK-JAVA-ORGWEBJARSNPM-2320791
???? Potential Improperly Controlled Modification of Object Prototype Attributes ('Prototype Pollution') (CWE-1321) · Issue #576 · js-data/js-data · GitHub	github.com text/html	MISC github.com/js-data/js-data/issues/576
Prototype Pollution in org.webjars.bower:js-data CVE-2021-23574 Snyk	snyk.io text/html	MISC snyk.io/vuln/SNYK-JAVA-ORGWEBJARSBOWER-2320790
???? Potential Improperly Controlled Modification of Object Prototype Attributes ('Prototype Pollution') (CWE-1321) · Issue #577 · js-data/js-data · GitHub	github.com text/html	MISC github.com/js-data/js-data/issues/577
By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report .		

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)						
Type	Vendor	Product	Version	Update	Edition	Language
Application	Js-data	Js-data	All	All	All	All
cpe:2.3:a:js-data:js-data:*:*:*:*:*:node.js:*:*						

Discovery Credit

Sourav Kumar

Social Mentions		
Source	Title	Posted (UTC)
@CVEreport	CVE-2021-23574 : All versions of package js-data are vulnerable to Prototype Pollution via the deepFillIn and the s... twitter.com/i/web/status/1...	2021-12-24 20:03:17
@Robo_Alerts	Potentially Critical CVE Detected! CVE-2021-23574 Description: All versions of package js-data are vulnerable to Pr... twitter.com/i/web/status/1...	2021-12-24 20:55:56
/r/netcve	CVE-2021-23574	2021-12-24 20:38:24

[site](#). This site includes MITRE data granted under the following [license](#).

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