

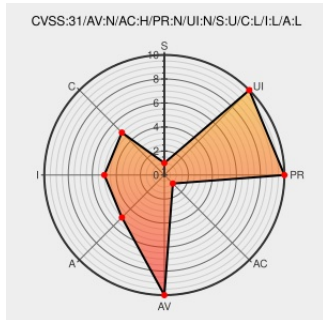


CVE-2021-23820

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CVE-2021-23820

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

Certain versions of [Jsonpointer](#) from [Jsonpointer Project](#) contain the following vulnerability:

This affects all versions of package json-pointer. A type confusion vulnerability can lead to a bypass of CVE-2020-7709 when the pointer components are arrays.

CVE-2021-23820 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
json-pointer/index.js at master · manuelstofer/json-pointer · GitHub	github.com text/html	MISC github.com/manuelstofer/json-pointer/blob/master/index.js%23L78
Prototype Pollution in org.webjars.npm:json-pointer Snyk	snyk.io text/html	MISC snyk.io/vuln/SNYK-JAVA-ORGWEBJARSNPM-1910686

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Related QID Numbers

980211 Nodejs (npm) Security Update for json-pointer (GHSA-v5vg-g7rq-363w)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Jsonpointer Project	Jsonpointer	-	All	All	All
cpe:2.3:a:jsonpointer_project:jsonpointer:-:*:*:*:node.js:*:*:						

Discovery Credit

Alessio Della Libera of Snyk Research Team

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-23820 : This affects all versions of package json-pointer. A type confusion vulnerability can lead to a b... twitter.com/i/web/status/1...	2021-11-03 17:28:59
 @Robo_Alerts	Potentially Critical CVE Detected! CVE-2021-23820 Description: This affects all versions of package json-pointer. A... twitter.com/i/web/status/1...	2021-11-03 19:00:10
 @threatmeter	json-pointer type confusion [CVE-2021-23820] A vulnerability, which was classified as critical, has been found in j... twitter.com/i/web/status/1...	2021-11-04 07:51:10

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