

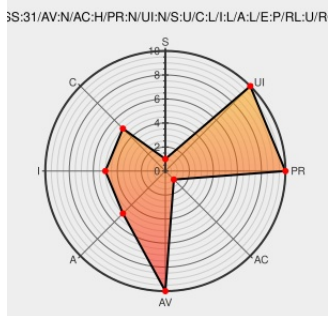


CVE-2021-23426

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CVE-2021-23426

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

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

This affects all versions of package Proto. It is possible to inject pollute the object property of an application using Proto by leveraging the merge function.

CVE-2021-23426 has been assigned by report@snyk.io to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

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

CVSS2 Score: **5 - MEDIUM**

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

CVE References

Description	Tags	Link
Prototype Pollution in proto Snyk	snyk.io text/html	MISC snyk.io/vuln/SNYK-JS-PROTO-1316301
Proto - npm	www.npmjs.com text/html	MISC www.npmjs.com/package/Proto

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Related QID Numbers

981110 Nodejs (npm) Security Update for Proto (GHSA-58g2-9fqr-36q2)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Proto Project	Proto	-	All	All	All
cpe:2.3:a:proto_project:proto:-:*:*:*:*:node.js:*:*:						

Discovery Credit

Vanshal Gaur

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-23426 : This affects all versions of package Proto. It is possible to inject pollute the object property... twitter.com/i/web/status/1...	2021-09-01 14:30:49
 @threatmeter	CVE-2021-23426 This affects all versions of package Proto. It is possible to inject pollute the object property of... twitter.com/i/web/status/1...	2021-09-02 07:09:51
 @VanshalG	Got My First CVE ? (CVE-2021-23426) snyk.io/vuln/SNYK-JS-P... #Infosec #bugbounty	2021-09-03 09:18:48

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