

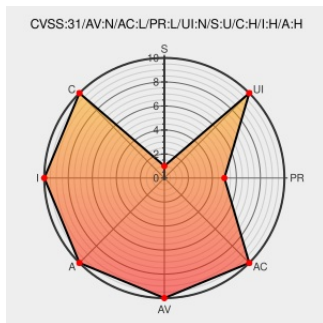


CVE-2021-20089

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CVE-2021-20089

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

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

Improperly Controlled Modification of Object Prototype Attributes ('Prototype Pollution') in purl 2.3.2 allows a malicious user to inject properties into Object.prototype.

CVE-2021-20089 has been assigned by [vulnreport@tenable.com](#) to track the vulnerability - currently rated as **HIGH** severity.

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
client-side-prototype-pollution/purl.md at master · BlackFan/client-side-prototype-pollution · GitHub	github.com text/html	MISC github.com/BlackFan/client-side-prototype-pollution/blob/master/pp/purl.md

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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	Purl Project	Purl	2.3.2	All	All	All
cpe:2.3:a:purl_project:purl:2.3.2:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @FortifiedITLtd	CVE-2021-20089 Improperly Controlled Modification of Object Prototype Attributes ('Prototype Pollution') in purl 2.... twitter.com/i/web/status/1...	2021-04-28 07:00:29

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