

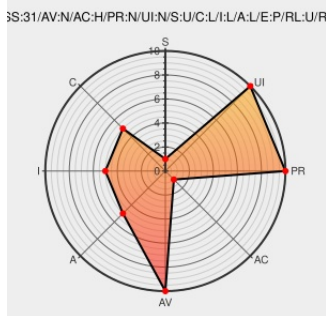


CVE-2021-23417

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CVE-2021-23417

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

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

All versions of package deepmergefn are vulnerable to Prototype Pollution via deepMerge function.

CVE-2021-23417 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
deepmergefn/index.js at master · jesusgm/deepmergefn · GitHub	github.com text/html	MISC github.com/jesusgm/deepmergefn/blob/master/index.js%23L6
Prototype Pollution in deepmergefn Snyk	snyk.io text/html	CONFIRM N/A

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Related QID Numbers

981341 Nodejs (npm) Security Update for deepmergefn (GHSA-vj72-mwrj-m2xq)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Deepmergefn Project	Deepmergefn	All	All	All	All
cpe:2.3:a:deepmergefn_project:deepmergefn:*:*:*:*:node.js:*:*:						

Discovery Credit

Le Trung Dung

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-23417 : All versions of package deepmergefn are vulnerable to Prototype Pollution via deepMerge function.... twitter.com/i/web/status/1...	2021-07-28 16:20:18

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