



CVE-2021-23700

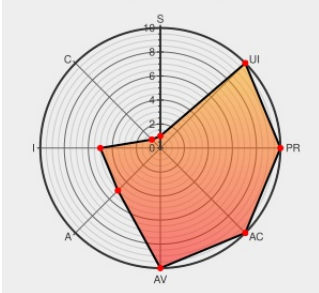
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[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

CVSS:31/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:L/A:L/E:P



Certain versions of [Merge-deep2](#) from [Merge-deep2 Project](#) contain the following vulnerability:

All versions of package merge-deep2 are vulnerable to Prototype Pollution via the mergeDeep() function.

CVE-2021-23700 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
Prototype Pollution in merge-deep2 Snyk	snyk.io text/html	MISC snyk.io/vuln/SNYK-JS-MERGEDEEP2-1727593

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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	Merge-deep2 Project	Merge-deep2	All	All	All	All
cpe:2.3:a:merge-deep2_project:merge-deep2:*:*:*:*:node.js:*:*:						

Discovery Credit

Yeting Li

Social Mentions

Source	Title	Posted (UTC)
 @Robo_Alerts	Potentially Critical CVE Detected! CVE-2021-23700 Description: All versions of package merge-deep2 are vulnerable t... twitter.com/i/web/status/1...	2021-12-10 20:55:57
 /r/netcve	CVE-2021-23700	2021-12-10 21:38:43

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