



CVE-2022-24802

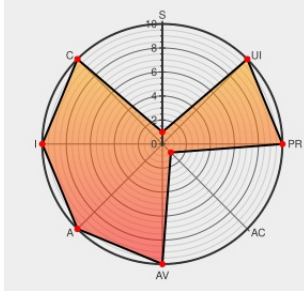
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CVE-2022-24802 - advisory for GHSA-r9w3-g83q-m6hq

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

CVSS:31/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:H/A:H



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

deepmerge-ts is a typescript library providing functionality to deep merging of javascript objects. deepmerge-ts is vulnerable to Prototype Pollution via file deepmerge.ts, function defaultMergeRecords(). This issue has been patched in version 4.0.2. There are no known workarounds for this issue.

CVE-2022-24802 has been assigned by security-advisories@github.com to track the vulnerability - currently rated as **CRITICAL** severity.

Affected Vendor/Software: **RebeccaStevens** - **deepmerge-ts** version < 4.0.2

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
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Merge pull request #86 from
RebeccaStevens/security/prototype-pollution ·
RebeccaStevens/deepmerge-ts@b39f1a9 · GitHub

github.com

text/html

MISC github.com/RebeccaStevens/deepmerge-ts/commit/b39f1a93d9e1c3541bd2fe159fd696a16dbe1c72

Prototype Pollution in deepmerge-ts · Advisory ·
RebeccaStevens/deepmerge-ts · GitHub

github.com

text/html

CONFIRM github.com/RebeccaStevens/deepmerge-ts/security/advisories/GHSA-r9w3-g83q-m6hq

fix: protect against prototype pollution ·
RebeccaStevens/deepmerge-ts@d637db7 · GitHub

github.com

text/html

MISC github.com/RebeccaStevens/deepmerge-ts/commit/d637db7e4fb2bfb113cb4bc1c85a125936d7081b

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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	Deepmerge-ts Project	Deepmerge-ts	All	All	All	All
cpe:2.3:a:deepmerge-ts_project:deepmerge-ts:*****::						

No vendor comments have been submitted for this CVE

Social Mentions		
Source	Title	Posted (UTC)
@CVEreport	CVE-2022-24802 : deepmerge-ts is a typescript library providing functionality to deep merging of javascript objects... twitter.com/i/web/status/1...	2022-03-31 23:20:20
/r/netcve	CVE-2022-24802	2022-04-01 00:38:35