CVE-2020-7765

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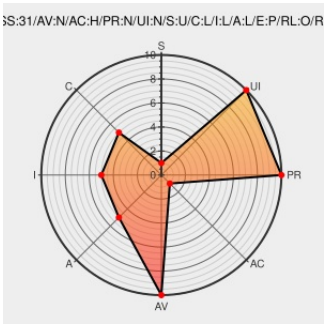
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Firebase/util from Google contain the following vulnerability:

This affects the package @firebase/util before 0.3.4. This vulnerability relates to the deepExtend function within the DeepCopy.ts file. Depending on if user input is provided, an attacker can overwrite and pollute the object prototype of a program.

CVE-2020-7765 has been assigned by report@snyk.io to track the vulnerability - currently rated as MEDIUM severity.

CVSS3 Score: 5.3 - MEDIUM

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	NONE	LOW	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 @firebase/util | Snyk	Exploit, Third Party Advisory, snyk.io, text/html	CONFIRM N/A

Prevent __proto__ pollution in util.deepExtend (#4001) · firebase/firebase-js-sdk@9cf727f · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/firebase/firebase-js-sdk/commit/9cf727fcc3d049551b16ae0698ac33dc2fe45ada
Prevent __proto__ pollution in util.deepExtend by Feiyang1 · Pull Request #4001 · firebase/firebase-js-sdk · GitHub	Patch Third Party Advisory github.com text/html	CONFIRM N/A

Related QID Numbers

982580 Nodejs (npm) Security Update for @firebase/util (GHSA-fpm5-vv97-jfwg)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Google	Firebase/util	All	All	All	All
Application	Google	Firebase/util	All	All	All	All

cpe:2.3:a:google:firebase\/util:*:*:*:*:*:node.js:*:*:

cpe:2.3:a:google:firebase\/util:*:*:*:*:*:node.js:*:*:

Discovery Credit

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