



CVE-2020-7765

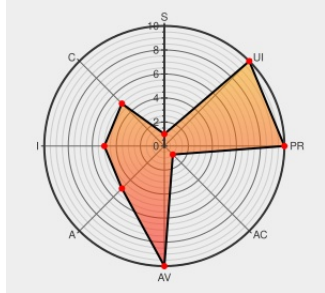
Published on: 11/16/2020 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:23:53 PM UTC

CVE-2020-7765

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

SS:31/AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:L/A:L/E:P/RL:O/R



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 <code>@firebase/util</code> 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

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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

Snyk Security Team