



CVE-2021-23470

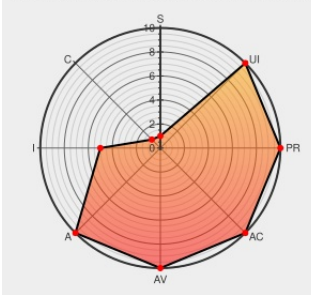
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CVE-2021-23470

[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:H/E:P



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

This affects the package putil-merge before 3.8.0. The merge() function does not check the values passed into the argument. An attacker can supply a malicious value by adjusting the value to include the constructor property. Note: This vulnerability derives from an incomplete fix in <https://security.snyk.io/vuln/SNYK-JS-PUTILMERGE-1317077>

CVE-2021-23470 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
Fixed Prototype Pollution vulnerability (constructor). Thanks to Gill... · panates/putil-merge@476d000 · GitHub	github.com text/html	MISC github.com/panates/putil-merge/commit/476d00078dfb2827d7c9ee0f2392c81b864f7bc5

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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	Putil-merge Project	Putil-merge	All	All	All	All
cpe:2.3:a:putil-merge_project:putil-merge:*:*:*:*:*.*						

Discovery Credit

Cristian-Alexandru Staicu

Abdullah Alhamdan

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-23470 : This affects the package putil-merge before 3.8.0. The merge function does not check the values... twitter.com/i/web/status/1...	2022-02-04 20:08:21
 /r/netcve	CVE-2021-23470	2022-02-04 21:38:39

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