CVE-2021-43838

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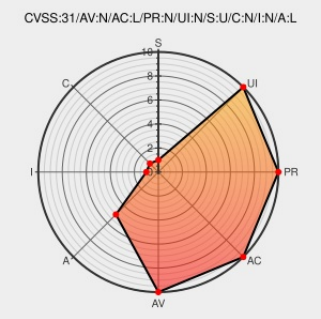
CVE-2021-43838 - advisory for GHSA-55xv-f85c-248q

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



Certain versions of Jsx-slack from Jsx-slack Project contain the following vulnerability:

jsx-slack is a library for building JSON objects for Slack Block Kit surfaces from JSX. In versions prior to 4.5.1 users are vulnerable to a regular expression denial-of-service (ReDoS) attack. If attacker can put a lot of JSX elements into `<blockquote>` tag, an internal regular expression for escaping characters may consume an excessive amount of computing resources. jsx-slack v4.5.1 has patched to a regex for escaping blockquote characters. Users are advised to upgrade as soon as possible.

CVE-2021-43838 has been assigned by security-advisories@github.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **yhatt** - **jsx-slack** version **< 4.5.1**

CVSS3 Score: 7.5 - HIGH

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	NONE	NONE	HIGH

CVSS2 Score: 5 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
Merge pull request from GHSA-55xv-f85c-248q · yhatt/jsx-slack@36e4a10 · GitHub	github.com text/html	MISC github.com/yhatt/jsx-slack/commit/36e4a10405e4c7745333e245fcc5029c02c7065d
Regular Expression Denial of Service (ReDoS) in jsx-slack · Advisory · yhatt/jsx-slack · GitHub	github.com text/html	CONFIRM github.com/yhatt/jsx-slack/security/advisories/GHSA-55xv-f85c-248q

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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	Jsx-slack Project	Jsx-slack	All	All	All	All

cpe:2.3:a:jsx-slack_project:jsx-slack:*:*:*:*:*:node.js:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2021-43838 : jsx-slack is a library for building JSON objects for Slack Block Kit surfaces from JSX. In version… twitter.com/i/web/status/1…	2021-12-17 18:26:06
/r/netcve	CVE-2021-43838	2021-12-17 19:38:06

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