CVE-2022-25851

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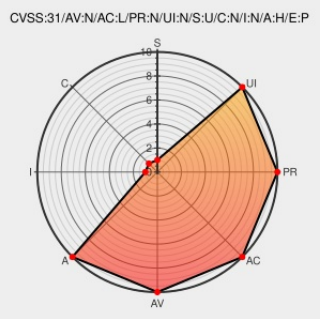
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Jpeg-js from Jpeg-js Project contain the following vulnerability:

The package jpeg-js before 0.4.4 are vulnerable to Denial of Service (DoS) where a particular piece of input will cause to enter an infinite loop and never return.

CVE-2022-25851 has been assigned by report@snyk.io to track the vulnerability - currently rated as HIGH severity.

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
jpeg-js DoS (infinite loop) · Issue #105 · jpeg-js/jpeg-js · GitHub	github.com, text/html	MISC github.com/jpeg-js/jpeg-js/issues/105
Denial of Service (DoS) in org.webjars.npm:jpeg-js | CVE-2022-25851 | Snyk	snyk.io, text/html	MISC snyk.io/vuln/SNYK-JAVA-ORGWEBJARSNPM-2860295

fix: validate sampling factors (#106) · jpeg-js/jpeg-js@9ccd35f · GitHub	github.com text/html	MISC github.com/jpeg-js/jpeg-js/commit/9ccd35fb5f55a6c4f1902ac5b0f270f675750c27
Add limits on sampling factors by sohomdatta1 · Pull Request #106 · jpeg-js/jpeg-js · GitHub	github.com text/html	MISC github.com/jpeg-js/jpeg-js/pull/106/
Denial of Service (DoS) in jpeg-js | CVE-2022-25851 | Snyk	snyk.io text/html	MISC snyk.io/vuln/SNYK-JS-JPEGJS-2859218

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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	Jpeg-js Project	Jpeg-js	All	All	All	All

cpe:2.3:a:jpeg-js_project:jpeg-js:*:*:*:*:*:node.js:*:*:

Discovery Credit

Sohom Datta

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2022-25851 : The package jpeg-js before 0.4.4 are vulnerable to Denial of Service #DoS where a particular pie… twitter.com/i/web/status/1…	2022-06-10 20:13:34
@threatmeter	CVE-2022-25851 | jpeg-js up to 0.4.3 infinite loop (ID 105) A vulnerability was found in jpeg-js up to 0.4.3. It ha… twitter.com/i/web/status/1…	2022-06-13 07:50:46
@RemotelyAlerts	Severity: ?? | The package jpeg-js before 0.4.4 are vul... | CVE-2022-25851 | Link for more: alerts.remotelyrmm.com/CVE-2022-25851	2022-06-17 18:30:14
/r/netcve	CVE-2022-25851	2022-06-10 21:38:37

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