CVE-2021-43308

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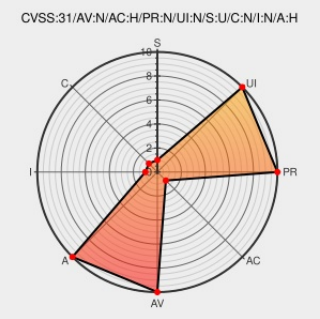
CVE-2021-43308 - advisory for

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



Certain versions of Markdown-link-extractor from Markdown-link-extractor Project contain the following vulnerability:

An exponential ReDoS (Regular Expression Denial of Service) can be triggered in the markdown-link-extractor npm package, when an attacker is able to supply arbitrary input to the module's exported function

CVE-2021-43308 has been assigned by security@jfrog.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **markdown-link-extractor** - **markdown-link-extractor** version **< 3.0.2**

Affected Vendor/Software: **markdown-link-extractor** - **markdown-link-extractor** version **< 4.0.1**

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

markdown-link-extractor ReDoS | XRAY-211350 - JFrog Security Research	research.jfrog.com text/html	MISC research.jfrog.com/vulnerabilities/markdown-link-extractor-redos-xray-211350/

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Markdown-link-extractor Project	Markdown-link-extractor	All	All	All	All
Application	Markdown-link-extractor Project	Markdown-link-extractor	4.0.0	All	All	All

cpe:2.3:a:markdown-link-extractor_project:markdown-link-extractor:*:*:*:*:*:node.js:*:*

cpe:2.3:a:markdown-link-extractor_project:markdown-link-extractor:4.0.0:*:*:*:*:node.js:*:*

Discovery Credit

Denys Vozniuk from JFrog Security Research

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	cve.report/CVE-2021-43308 An exponential ReDoS Regular Expression Denial of Service can be triggered in the markdo… twitter.com/i/web/status/1…	2022-06-02 16:28:07
@LinInfoSec	Npm - CVE-2021-43308: research.jfrog.com/vulnerabilitie…	2022-06-02 17:00:14

← Previous ID

Next ID→