

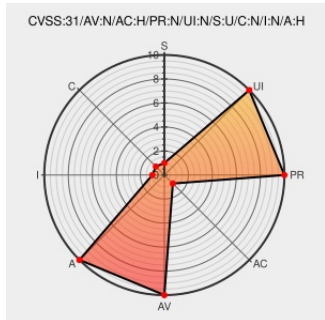


CVE-2021-43308

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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
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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	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/vulnerabilities/	2022-06-02 17:00:14

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