CVE-2021-23419

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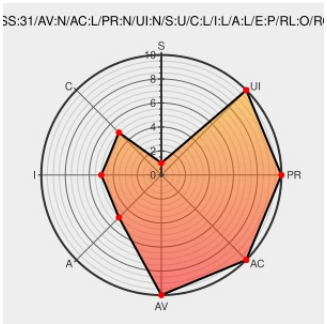
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Open-graph from Open-graph Project contain the following vulnerability:

This affects the package open-graph before 0.2.6. The function parse could be tricked into adding or modifying properties of Object.prototype using a __proto__ or constructor payload.

CVE-2021-23419 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: 5 - MEDIUM

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

CVE References

Description	Tags	Link
Patch: Filter out blacklisted keys in og property name · samholmes/node-open-graph@a0cef50 · GitHub	github.com text/html	MISC github.com/samholmes/node-open-graph/commit/a0cef507a90adaac7dbbe9c404f09a50bdefb348
Prototype Pollution in open-graph | Snyk	snyk.io text/html	MISC snyk.io/vuln/SNYK-JS-OPENGRAPH-1536747

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Related QID Numbers

981314 Nodejs (npm) Security Update for open-graph (GHSA-g452-6rfc-vrvx)

Exploit/POC from Github

This affects the package open-graph before 0.2.6. The function parse could be tricked into adding or modifying proper…

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Open-graph Project	Open-graph	All	All	All	All

cpe:2.3:a:open-graph_project:open-graph:*:*:*:*:*:node.js:*:*:

Discovery Credit

Snyk Security Team

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2021-23419 : This affects the package open-graph before 0.2.6. The function parse could be tricked into adding… twitter.com/i/web/status/1…	2021-08-08 07:33:48

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