

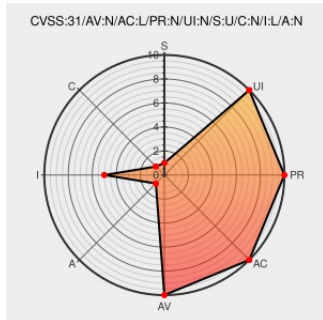


CVE-2019-19507

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CVE-2019-19507

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Json Pattern Validator](#) from [Json Pattern Validator Project](#) contain the following vulnerability:

In jpv (aka Json Pattern Validator) before 2.1.1, compareCommon() can be bypassed because certain internal attributes can be overwritten via a conflicting name, as demonstrated by 'constructor': {'name': 'Array'}. This affects validate(). Hence, a crafted payload can overwrite this builtin attribute to manipulate the type detection result.

CVE-2019-19507 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **5.3 - MEDIUM**

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

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
jpv - npm	Product www.npmjs.com text/html	MISC www.npmjs.com/package/jpv

A vulnerability in validate() · Issue #6 · manvel-khnkoyan/jpv · GitHub

Exploit

Issue Tracking

Third Party Advisory

github.com

text/html

 [MISC github.com/manvel-khnkoyan/jpv/issues/6](https://github.com/manvel-khnkoyan/jpv/issues/6)

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Related QID Numbers

[981612](#) Nodejs (npm) Security Update for ipv (GHSA-rh46-3fgc-mvrf)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Json Pattern Validator Project	Json Pattern Validator	All	All	All	All
Application	Json Pattern Validator Project	Json Pattern Validator	All	All	All	All
cpe:2.3:a:json_pattern_validator_project:json_pattern_validator:*.*.*.*.*.*.*.*:						
cpe:2.3:a:json_pattern_validator_project:json_pattern_validator:*.*.*.*.*.*.*.*:						

No vendor comments have been submitted for this CVE

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