# CVE-2020-7707

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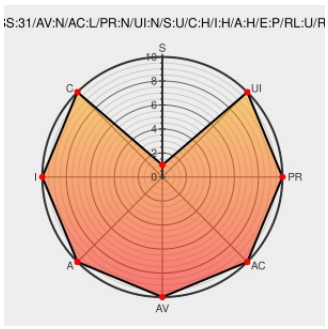
## CVE-2020-7707

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




Certain versions of Property-expr from Property-expr Project contain the following vulnerability:

The package property-expr before 2.0.3 are vulnerable to Prototype Pollution via the setter function.

CVE-2020-7707 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: 7.5 - HIGH

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

### CVE References

| Description | Tags | Link |
|---|---|---|
| Prototype Pollution in org.webjars.npm:property-expr \| Snyk | Broken Link, snyk.io, text/html | MISC snyk.io/vuln/SNYK-JAVA-ORGWEBJARSNPM-598857 |
| Prototype Pollution in property-expr | Broken Link | MISC snyk.io/vuln/SNYK-JS-PROPERTYEXPR-598800 |

| Snyk | snyk.io<br>text/html | |
|---|---|---|
| fix: prototype polution vector · jquense/expr@df84691 · GitHub | Patch<br>Third Party Advisory<br>github.com<br>text/html | MISC<br>github.com/jquense/expr/commit/df846910915d59f711ce63c1f817815bceab5ff7 |



## Related QID Numbers

981854 Nodejs (npm) Security Update for property-expr (GHSA-6fw4-hr69-g3rv)

## Known Affected Configurations (CPE V2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|---|---|---|---|---|---|---|
| Application | Property-expr Project | Property-expr | All | All | All | All |
| Application | Property-expr Project | Property-expr | All | All | All | All |

cpe:2.3:a:property-expr_project:property-expr:*:*:*:*:*:node.js:*:*:

cpe:2.3:a:property-expr_project:property-expr:*:*:*:*:*:node.js:*:*:

## Discovery Credit

NerdJS

## Social Mentions

| Source | Title | Posted (UTC) |
|---|---|---|

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