# CVE-2022-25852

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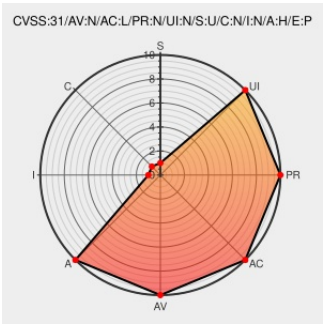
## CVE-2022-25852

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




Certain versions of Libpq from Libpq Project contain the following vulnerability:

All versions of package pg-native; all versions of package libpq are vulnerable to Denial of Service (DoS) when the addons attempt to cast the second argument to an array and fail. This happens for every non-array argument passed. **Note:** pg-native is a mere binding to npm's libpq library, which in turn has the addons and bindings to the actual C libpq library. This means that problems found in pg-native may transitively impact npm's libpq.

CVE-2022-25852 has been assigned by report@snyk.io to track the vulnerability - currently rated as HIGH severity.

### 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 |
|---|---|---|
| Denial of Service (DoS) in pg-native \| CVE-2022-25852 \| Snyk | snyk.io text/html | MISC snyk.io/vuln/SNYK-JS-PGNATIVE-2392365 |

| | | |
|---|---|---|
| Denial of Service (DoS) in libpq \| CVE-2022-25852 \| Snyk | snyk.io text/html | MISC snyk.io/vuln/SNYK-JS-LIBPQ-2392366 |



There are currently no QIDs associated with this CVE

## Known Affected Configurations (CPE V2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|---|---|---|---|---|---|---|
| Application | Libpq Project | Libpq | All | All | All | All |
| Application | Pg-native Project | Pg-native | All | All | All | All |

cpe:2.3:a:libpq_project:libpq:*:*:*:*:*:node.js:*:*:

cpe:2.3:a:pg-native_project:pg-native:*:*:*:*:*:node.js:*:*:

## Discovery Credit

Cristian-Alexandru Staicu

Snyk Security Labs

## Social Mentions

| Source | Title | Posted (UTC) |
|---|---|---|
| @CVEreport | CVE-2022-25852 : All versions of package pg-native; all versions of package libpq are vulnerable to Denial of Servi… twitter.com/i/web/status/1… | 2022-06-17 20:18:17 |
| @LinInfoSec | Npm - CVE-2022-25852: snyk.io/vuln/SNYK-JS-L… | 2022-06-17 23:01:41 |
| /r/netcve | CVE-2022-25852 | 2022-06-17 20:38:30 |

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