

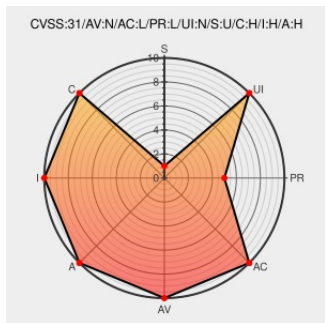


# CVE-2022-23510

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## CVE-2022-23510 - advisory for GHSA-6jqm-3c9g-pch7

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

Certain versions of [Cube.js](#) from [Cube](#) contain the following vulnerability:

cube-js is a headless business intelligence platform. In version 0.31.23 all authenticated Cube clients could bypass SQL row-level security and run arbitrary SQL via the newly introduced `/v1/sql-runner` endpoint. This issue has been resolved in version 0.31.24. Users are advised to either upgrade to 0.31.24 or to downgrade to 0.31.22. There are no known workarounds for this vulnerability.

CVE-2022-23510 has been assigned by [security-advisories@github.com](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [cube-js](#) - **cube.js** version == **0.31.23**

CVSS3 Score: **8.8 - HIGH**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>NETWORK</b>   | <b>LOW</b>             | <b>LOW</b>          | <b>NONE</b>         |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>HIGH</b>            | <b>HIGH</b>         | <b>HIGH</b>         |

## CVE References

| Description                                                                                                 | Tags                                                    | Link                                                                                            |
|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Revert "chore(cubejs-api-gateway): added endpoint to run sql query di... · cube-js/cube.js@f1140de · GitHub | <a href="#">github.com</a><br><a href="#">text/html</a> | <a href="#">MISC github.com/cube-js/cube.js/commit/f1140de508e359970ac82b50bae1c4bf152f6041</a> |
| Revert "feat(api-gateway, server-core): Added dataSources list to ext... · cube-js/cube.js@3c61467 · GitHub | <a href="#">github.com</a><br><a href="#">text/html</a> | <a href="#">MISC github.com/cube-js/cube.js/commit/3c614674fed6ca17df08bbba8c835ef110167570</a> |
| Row level security bypass · Advisory · cube-js/cube.js · GitHub                                             | <a href="#">github.com</a><br><a href="#">text/html</a> | <a href="#">MISC github.com/cube-js/cube.js/security/advisories/GHSA-6jqm-3c9g-pch7</a>         |

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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                                       | Cube   | Cube.js | 0.31.23 | All    | All     | All      |
| cpe:2.3:a:cube:cube.js:0.31.23:*:*:*:node.js:*:*: |        |         |         |        |         |          |

No vendor comments have been submitted for this CVE

Social Mentions

| Source                                                                                         | Title                                                                                                                                                                                                    | Posted (UTC)        |
|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
|  @CVEreport    | CVE-2022-23510 : cube-js is a headless business intelligence platform. In version 0.31.23 all authenticated Cube cl... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a> | 2022-12-09 23:05:29 |
|  @Robo_Alerts | Potentially Critical CVE Detected! CVE-2022-23510 cube-js is a headless business intelligence platform. In version... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a>  | 2022-12-09 23:56:00 |
|  /r/netcve   | <a href="#">CVE-2022-23510</a>                                                                                                                                                                           | 2022-12-10 00:38:23 |

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