

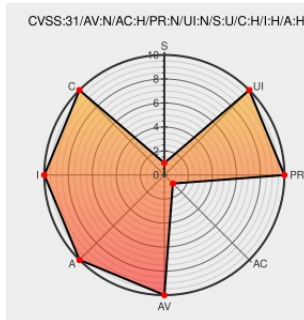


# CVE-2021-34083

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## CVE-2021-34083

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

Certain versions of [Google-it](#) from [Google-it Project](#) contain the following vulnerability:

Google-it is a Node.js package which allows its users to send search queries to Google and receive the results in a JSON format. When using the 'Open in browser' option in versions up to 1.6.2, google-it will unsafely concat the result's link retrieved from google to a shell command, potentially exposing the server to RCE.

CVE-2021-34083 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **8.1 - HIGH**

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

CVSS2 Score: **9.3 - HIGH**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>MEDIUM</b>     | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>COMPLETE</b>        | <b>COMPLETE</b>   | <b>COMPLETE</b>     |

## CVE References

| Description                                                     | Tags                                                    | Link                                                                                 |
|-----------------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------------------------------------|
| google-it/googleIt.js at v1.6.2 · PatNeedham/google-it · GitHub | <a href="#">github.com</a><br><a href="#">text/html</a> | <a href="#">MISC github.com/PatNeedham/google-it/blob/v1.6.2/src/googleIt.js#L34</a> |
| google-it/googleIt is at v1.6.2 · PatNeedham/google-            | <a href="#">github.com</a>                              | <a href="#">MISC github.com/PatNeedham/google-</a>                                   |

[google-it@google.it at v1.6.2 · atreccanani/google-it · GitHub](#)[github.com](#)[text/html](#)[misc@gitlab.com · atreccanani/google-it/blob/v1.6.2/lib/googleit.js#L59](#)

Checkmarx Advisory

[advisory.checkmarx.net](#)[text/html](#)[✗ MISC advisory.checkmarx.net/advisory/CX-2021-4777](#)

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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                                                | <a href="#">Google-it Project</a> | <a href="#">Google-it</a> | All     | All    | All     | All      |
| cpe:2.3:a:google-it_project:google-it:*:*:*:*:node.js:*:*: |                                   |                           |         |        |         |          |

No vendor comments have been submitted for this CVE

Social Mentions

| Source                                                                                            | Title                                                                                                                                                                                 | Posted (UTC)        |
|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
|  @wvdsteen      | New vulnerability on the NVD: CVE-2021-34083 <a href="#">ift.tt/qwcHQ5j</a> June 03, 2022 at 02:15AM                                                                                  | 2022-06-02 16:16:32 |
|  @CVEreport     | <a href="#">cve.report/CVE-2021-34083</a> Google-it is a Node.js package which allows its users to send search queries to Google and... <a href="#">twitter.com/i/web/status/1...</a> | 2022-06-02 16:25:30 |
|  @WesUncensored | New vulnerability on the NVD: CVE-2021-34083 <a href="#">ift.tt/qwcHQ5j</a>                                                                                                           | 2022-06-02 16:33:09 |
|  @workentin     | New vulnerability on the NVD: CVE-2021-34083 <a href="#">ift.tt/qwcHQ5j</a>                                                                                                           | 2022-06-02 16:40:14 |
|  @xanadulinux   | CVE-2021-34083 <a href="#">ift.tt/qwcHQ5j</a>                                                                                                                                         | 2022-06-02 16:52:52 |

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