



# CVE-2021-3223

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## CVE-2021-3223

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



Certain versions of [Node-red-dashboard](#) from [Nodered](#) contain the following vulnerability:

Node-RED-Dashboard before 2.26.2 allows `ui_base/js/..%2f` directory traversal to read files.

CVE-2021-3223 has been assigned by [M](#) [cve@mitre.org](#) to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

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

CVSS2 Score: **5 - MEDIUM**

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

## CVE References

| Description                                                        | Tags                                                                                            | Link                                                                   |
|--------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| Path traversal · Issue #669 · node-red/node-red-dashboard · GitHub | <a href="#">Third Party Advisory</a><br><a href="#">github.com</a><br><a href="#">text/html</a> | <a href="#">MISC github.com/node-red/node-red-dashboard/issues/669</a> |
| Release 2.26.2: Maintenance Release · node-red/node-red-           | <a href="#">Release Notes</a>                                                                   | <a href="#">CONFIRM github.com/node-red/node-red-</a>                  |

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## Related QID Numbers

982967 Nodejs (npm) Security Update for node-red-dashboard (GHSA-2hw7-mxvj-m455)

## Known Affected Configurations (CPE V2.3)

| Type                                                      | Vendor  | Product            | Version | Update | Edition | Language |
|-----------------------------------------------------------|---------|--------------------|---------|--------|---------|----------|
| Application                                               | Nodered | Node-red-dashboard | All     | All    | All     | All      |
| Application                                               | Nodered | Node-red-dashboard | All     | All    | All     | All      |
| cpe:2.3:a:nodered:node-red-dashboard:*:*:*:*:node.js:*:*: |         |                    |         |        |         |          |
| cpe:2.3:a:nodered:node-red-dashboard:*:*:*:*:node.js:*:*: |         |                    |         |        |         |          |

No vendor comments have been submitted for this CVE

## Social Mentions

| Source                                                                                            | Title                                                                                                                                                               | Posted (UTC)           |
|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
|  @pwnwikiorg    | CVE-2021-3223 Node-RED ui_base 任意文件读取漏洞 <a href="https://t.co/M1xnGz25Xn">pwnwiki.org/index.php?titl...<br/>https://t.co/M1xnGz25Xn</a>                             | 2021-07-04<br>09:21:37 |
|  @pwnwikiorg_en | CVE-2021-3223 Node-RED ui base arbitrary file reading vulnerability <a href="https://t.co/1XLpgguKUT">pwnwiki.org/index.php?titl...<br/>https://t.co/1XLpgguKUT</a> | 2021-07-04<br>09:27:21 |

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