# CVE-2021-23631

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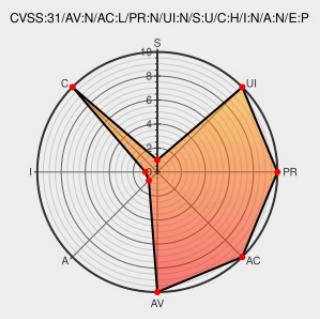
## CVE-2021-23631

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




Certain versions of Convert-svg-core from Convert-svg-core Project contain the following vulnerability:

This affects all versions of package convert-svg-core; all versions of package convert-svg-to-png; all versions of package convert-svg-to-jpeg. Using a specially crafted SVG file, an attacker could read arbitrary files from the file system and then show the file content as a converted PNG file.

CVE-2021-23631 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 | HIGH | NONE | NONE |

### CVSS2 Score: 5 - MEDIUM

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

### CVE References

| Description | Tags | Link |
|---|---|---|
| Directory Traversal in convert-svg-core \| CVE-2021-23631 \| Snyk | snyk.io, text/html | MISC snyk.io/vuln/SNYK-JS-CONVERTSVGCORE-1582785 |
| Poc - GitHub | gist.github.com | MISC |

| | | |
|---|---|---|
| | text/html | gist.github.com/legndery/a248350bb25b8502a03c2f407cedeb14 |
| Directory Traversal in convert-svg-to-jpeg \| CVE-2021-23631 \| Snyk | snyk.io text/html | MISC snyk.io/vuln/SNYK-JS-CONVERTSVGTOJPEG-2348245 |
| Directory Traversal in convert-svg-to-png \| CVE-2021-23631 \| Snyk | snyk.io text/html | MISC snyk.io/vuln/SNYK-JS-CONVERTSVGTOPNG-2348244 |



There are currently no QIDs associated with this CVE

## Known Affected Configurations (CPE V2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|---|---|---|---|---|---|---|
| Application | Convert-svg-core Project | Convert-svg-core | All | All | All | All |

cpe:2.3:a:convert-svg-core_project:convert-svg-core:*:*:*:*:*:node.js:*:*:

## Discovery Credit

Aritra Chakraborty

## Social Mentions

| Source | Title | Posted (UTC) |
|---|---|---|
| @CVEreport | CVE-2021-23631 : This affects all versions of package convert-svg-core; all versions of package convert-svg-to-png;... twitter.com/i/web/status/1... | 2022-01-21 20:13:28 |
| @WesUncensored | New vulnerability on the NVD: CVE-2021-23631 ift.tt/3IHzZPZ | 2022-01-21 21:49:44 |
| @xanadulinux | CVE-2021-23631 ift.tt/3IHzZPZ | 2022-01-21 22:06:04 |
| /r/netcve | CVE-2021-23631 | 2022-01-21 21:54:38 |

← Previous ID

Next ID→