



CVE-2021-23355

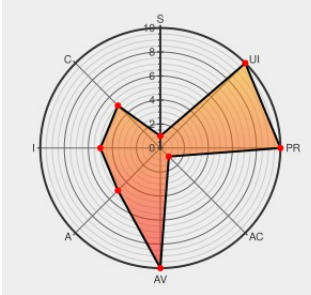
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[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

CVSS:31/AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:L/A:L/E:P



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

This affects all versions of package ps-kill. If (attacker-controlled) user input is given to the kill function, it is possible for an attacker to execute arbitrary commands. This is due to use of the child_process exec function without input sanitization in the index.js file. PoC (provided by reporter):

```
var ps_kill = require('ps-kill'); ps_kill.kill('$(touch success)',function({}));
```

CVE-2021-23355 has been assigned by report@snyk.io to track the vulnerability - currently rated as **CRITICAL** severity.

CVSS3 Score: **9.8 - CRITICAL**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **7.5 - HIGH**

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

CVE References

Description	Tags	Link
Arbitrary Command Injection in ps-kill Snyk	Exploit Third Party Advisory	MISC snyk.io/vuln/SNYK-JS-PSKILL-1078529

[snyk.io](#)[text/html](#)

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Related QID Numbers

982887 Nodejs (npm) Security Update for ps-kill (GHSA-7qmm-q394-fmch)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Ps-kill Project	Ps-kill	All	All	All	All
Application	Ps-kill Project	Ps-kill	All	All	All	All

cpe:2.3:a:ps-kill_project:ps-kill:*:*:*:*:node.js:*:*:

cpe:2.3:a:ps-kill_project:ps-kill:*:*:*:*:node.js:*:*:

Discovery Credit

OmniTaint

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