MEDIUM

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Arbitrary Command Injection

Affecting roar-pidusage package, versions *

INTRODUCED: 23 FEB 2021 CVE-2021-23380 ❓ CWE-77 ❓ (FIRST ADDED BY SNYK)

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How to fix?

There is no fixed version for `roar-pidusage` .

Overview

roar-pidusage is a Cross-platform process cpu % and memory usage of a PID — Edit

Affected versions of this package are vulnerable to Arbitrary Command Injection. If attacker-controlled user input is given to the `stat` function of this package on certain operating systems, it is possible for an attacker to execute arbitrary commands. This is due to use of the `child_process` `exec` function without input sanitization.

PoC (provided by reporter):

```
var roar_pidusage = require('roar-pidusage'); roar_pidusage.stat('$(touch success)', function(){});
```

(A file called `success` will be created as a result of the execution of `touch success` .)

Note This affects operating systems associated with `ps` in the `pusage` {object}.

References

- Vulnerable Code

Snyk CVSS

Exploit Maturity	Proof of concept ❓
Attack Complexity	High ❓

See more

> NVD   7.3 HIGH

Do your applications use this vulnerable package?

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Snyk ID	SNYK-JS-ROARPIDUSAGE-1078528
Published	18 Apr 2021
Disclosed	23 Feb 2021
Credit	OmniTaint

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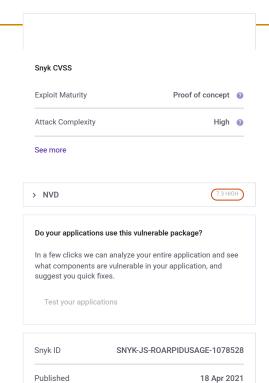
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