CRITICAL

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Command Injection

Affecting connection-tester package, versions <0.2.1

INTRODUCED: 4 DEC 2020   CVE-2020-7781 ❓   CWE-78 ❓   FIRST ADDED BY SNYK

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How to fix?

Upgrade `connection-tester` to version 0.2.1 or higher.

Overview

connection-tester is a module that tests to check if the connection can be established or host/port reachable for a given host and port. Useful for testing all the connection in your node application at server startup.

Affected versions of this package are vulnerable to Command Injection. The injection point is located in line 15 in `index.js` .

The following PoC demonstrates the vulnerability:

PoC

```
var a = require("connection-tester"); a.test("& touch 111","& touch 222",123)
```

References

- GitHub PR

Snyk CVSS

Exploit Maturity	Proof of concept ❓
Attack Complexity	Low ❓
Confidentiality	HIGH ❓
Integrity	HIGH ❓
Availability	HIGH ❓

See more

> NVD   9.8 CRITICAL

Do your applications use this vulnerable package?

In a few clicks we can analyze your entire application and see what components are vulnerable in your application, and suggest you quick fixes.

Test your applications

Snyk ID	SNYK-JS-CONNECTIONTESTER-1048337
Published	16 Dec 2020
Disclosed	4 Dec 2020
Credit	JHU System Security Lab

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