snyk Vulnerability DB

Snyk Vulnerability Database > npm > workspace-tools

Q Search by package n

Command Injection

Affecting workspace-tools package, versions < 0.18.4

INTRODUCED: 11 MAR 2022 CVE-2022-25865 (2) (FIRST ADDED BY SNYK)

Share

How to fix?

CWE-78 🙆

Upgrade workspace-tools to version 0.18.4 or higher.

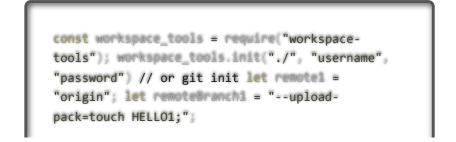
Overview

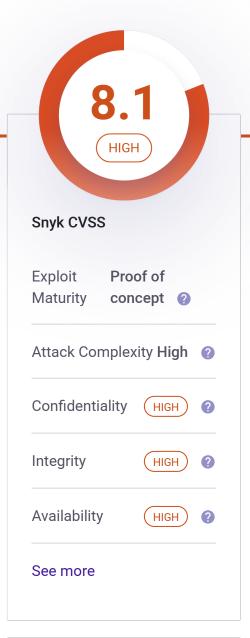
workspace-tools is a JS Monorepo Workspace Tools.

Affected versions of this package are vulnerable to Command Injection via git argument injection. When calling the

fetchRemoteBranch(remote: string, remoteBranch: string, cwd: string) function, both the remote and remoteBranch parameters are passed to the git fetch subcommand in a way that additional flags can be set. The additional flags can be used to perform a command injection.

PoC







Do your applications use this vulnerable package?

In a faw clicks we can

```
workspace_tools.fetchRemoteBranch(remote1)
remoteBranch1, "./") // git [ 'fetch', 'origin',
'--upload-pack=touch HELLO1;' ] // let remote2 =
"--upload-pack=touch HELLO2;"; // let
remoteBranch2 = "foo"; //
workspace_tools.fetchRemoteBranch(remote2,
remoteBranch2, "./") // git [ 'fetch', '--upload-pack=touch HELLO2;', 'foo' ]
```

References

- GitHub Commit
- GitHub PR

analyze your entire application and see what components are vulnerable in your application, and suggest you quick fixes.

Test your applications

SnykSNYK-JSID WORKSPACETOOLS2421201

Published 11 May 2022

Disclosed 11 Mar 2022

CreditAlessio Della Libera of Snyk Research Team

Report a new vulnerability

Found a mistake?

PRODUCT

Snyk Open Source

Snyk Code

Snyk Container

Snyk Infrastructure as Code

Test with Github

RESOURCES
/ulnerability DB
Occumentation
Disclosed Vulnerabilities
Blog
AQs
OMPANY
About
lobs
Contact
Policies
Oo Not Sell My Personal Information
CONTACT US
Support
Report a new vuln
Press Kit
ivents
FIND US ONLINE
TRACK OUR DEVELOPMENT

© 2022 Snyk Limited

Test with CLI

Registered in England and Wales. Company number: 09677925

DevSecCon

Registered address: Highlands House, Basingstoke Road, Spencers Wood, Reading, Berkshire, RG7 1NT.

community