

Command Injection

Affecting [czproject/git-php](#) package, versions <4.0.3

INTRODUCED: 11 MAR 2022 [CVE-2022-25866](#)

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CWE-78 FIRST ADDED BY SNYK

How to fix?

Upgrade `czproject/git-php` to version 4.0.3 or higher.

Overview

[czproject/git-php](#) is a Library for work with Git repository in PHP.

Affected versions of this package are vulnerable to Command Injection via `git` argument injection. When calling the `isRemoteUrlReadable($url, array $refs = NULL)` function, both the `url` and `refs` parameters are passed to the `git ls-remote` subcommand in a way that additional flags can be set. The additional flags can be used to perform a command injection.

PoC

```
<?php require('./vendor/autoload.php'); $git =
new CzProject\GitPhp\Git; $url = "--upload-
pack=touch ./HELLO"; $git-
>isRemoteUrlReadable($url, ["refs"]); ?>
```

Snyk CVSS

Exploit Maturity	Proof of concept
Attack Complexity High	
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

References

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

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](#)

SnykSNYK-PHP-ID CZPROJECTGITPHP-2421349

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