

Command Injection

Affecting mversion package, versions <2.0.1

INTRODUCED: 24 JUN 2020 CVE-2020-7688 CWE-78 FIRST ADDED BY SNYK Share

How to fix?

Upgrade mversion to version 2.0.1 or higher.

Overview

mversion is a cross packaging manager module version handler/bumper.

Affected versions of this package are vulnerable to Command Injection. The issue occurs because tagName user input is formatted inside the exec function is executed without any checks.

PoC:

```
var mversion = require('mversion');

mversion.update({ version: "major", commitMessage: "testing", tagName: "; touch hbkhan", })
```

References

- GitHub Commit
- GitHub PR

PRODUCT

- Snyk Open Source
- Snyk Code
- Snyk Container
- Snyk Infrastructure as Code
- Test with Github
- Test with CLI

RESOURCES

- Vulnerability DB
- Documentation
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- Blog
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COMPANY

HIGH

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Snyk CVSS

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

See more

> NVD 7.8 HIGH

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Snyk ID	SNYK-JS-MVERSION-573174
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Disclosed	24 Jun 2020
Credit	Habib Ullah

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