

Arbitrary Command Injection

Affecting ffmpegdotjs package, versions *

INTRODUCED: 23 FEB 2021 CVE-2021-23376 CWE-77 FIRST ADDED BY SNYK Share

How to fix?

There is no fixed version for ffmpegdotjs .

Overview

ffmpegdotjs is a FFmpeg module for nodejs

Affected versions of this package are vulnerable to Arbitrary Command Injection. If attacker-controlled user input is given to the trimvideo function, it is possible for an attacker to execute arbitrary commands. This is due to use of the child_process exec function without input sanitization.

PoC (provided by reporter):

```
var ffmpegdotjs = require("ffmpegdotjs");
ffmpegdotjs.trimvideo("package-lock.json",0,30,"n || touch success;
#").then((file)=>{ console.log(file); });
```

(A file called success will be created as a result of the execution of touch success.)

References

- Vulnerable Code

PRODUCT

Snyk Open Source

Snyk Code

Snyk Container

Snyk Infrastructure as Code

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Vulnerability DB

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Snyk CVSS

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

See more

> NVD 9.8 CRITICAL

Do your applications use this vulnerable package?

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Snyk ID	SNYK-JS-FFMEPGDOTJS-1078542
Published	18 Apr 2021
Disclosed	23 Feb 2021
Credit	OmniTaint

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