

## Out-of-bounds Read

Affecting [fast-string-search](#) package, versions \*

INTRODUCED: 3 FEB 2022 [CVE-2022-25872](#) ?

CWE-125 ?

FIRST ADDED BY SNYK

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### How to fix?

There is no fixed version for `fast-string-search`.

### Overview

[fast-string-search](#) is a module that can search substrings in a string by using N-API and boyer-moore-magicklen.

Affected versions of this package are vulnerable to Out-of-bounds Read due to incorrect memory freeing and length calculation for any non-string input as the source. This allows the attacker to read previously allocated memory.

###PoC

```
const fss = require('fast-string-search');
fss.indexOf("My password is joke 9", "is"); let
res = fss.indexOf(1, "9"); // res will contain
the index of "9" from the previous input and not
the current one. console.log(res)
```

### References



### Snyk CVSS

Exploit  
Maturity

Proof of  
concept ?

Attack Complexity Low ?

[See more](#)

> NVD

5.3 MEDIUM

### Do your applications use this vulnerable package?

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SnykSNYK-JS-  
ID FASTSTRINGSEARCH-  
2392368

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