

## Tech Note: Intro to Node - Audit Fix Manual Steps

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### npm audit

- When you install packages with `npm install`, you may encounter messages that say the following:

```
found 4 vulnerabilities (3 low, 1 critical) in 243 scanned packages
```

- To fix these you will first run `npm audit fix` and you may still get a message like this:

```
fixed 0 of 4 vulnerabilities in 243 scanned packages 4 vulnerabilities
required manual review and could not be updated
```

- To fix these you will need to run `npm audit` and it will tell you the package that needs to be fixed.

Critical	Sandbox Bypass Leading to Arbitrary Code Execution	
Package	constantinople	
Patched in	>=3.1.1	
Dependency of	jade	
Path	jade > constantinople	
More info	<a href="https://npmjs.com/advisories/568">https://npmjs.com/advisories/568</a>	

- You must then goto the dependency `node-module` directory and update the version of the `package.json` file with the module version that fixes the issue. The URL on more info should use if you need more info. Example:

```
"dependencies": {
  "constantinople": "~3.1.1",
  ...
}
```