

HTTP Header Injection

Affecting [nodemailer](#) package, versions <6.6.1

INTRODUCED: 24 MAY 2021 [CVE-2021-23400](#) [CWE-644](#) [FIRST ADDED BY SNYK](#)

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How to fix?

Upgrade `nodemailer` to version 6.6.1 or higher.

Overview

`nodemailer` is an Easy as cake e-mail sending from your Node.js applications

Affected versions of this package are vulnerable to HTTP Header Injection if unsanitized user input that may contain newlines and carriage returns is passed into an address object.

PoC:

```
const userEmail = 'foo@bar.com'; // imagine this comes from e.g. HTTP request params or is otherwise user-controllable
await transporter.sendMail({
  from: '...',
  to: '...',
  replyTo: { name: 'Customer', address: userEmail, },
  subject: 'My Subject',
  text: message,
});
```

References

- [GitHub Commit](#)
- [GitHub Issue](#)

MEDIUM

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Snyk CVSS

Exploit Maturity [Proof of concept](#)

Attack Complexity [Low](#)

User Interaction [Required](#)

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> NVD

8.8 HIGH

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.

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Snyk ID **SNYK-JS-NODEMAILER-1296415**

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Credit **Adam Williams**

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