

# Server-side Request Forgery (SSRF)

Affecting [link-preview-js](#) package, versions <2.1.16

INTRODUCED: 22 JUN 2022 CVE-2022-25876 ?

CWE-918 ? FIRST ADDED BY SNYK

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How to fix?

Upgrade `link-preview-js` to version 2.1.16 or higher.

## Overview

[link-preview-js](#) is a Javascript module to extract and fetch HTTP link information from blocks of text.

Affected versions of this package are vulnerable to Server-side Request Forgery (SSRF) which allows attackers to send arbitrary requests to the local network and read the response. This is due to flawed DNS rebinding protection.

## PoC:

1. Find domain that resolved to private address with reverse ip lookup or use domains localtest.me (127.0.0.1) or devhead.net (127.0.0.1 + 192.168.1.1 + 192.168.0.1).
2. Write it to `getLinkPreview` .
3. You see content from your local address.

## References

6.2

MEDIUM

Snyk CVSS

Exploit Maturity

Proof of concept ?

Attack Complexity Low ?

Confidentiality HIGH ?

See more

> NVD

5.5 MEDIUM

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.

- [GitHub Issue](#)
- [Github PR](#)

Test your applications

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

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SnykSNYK-JS-  
ID LINKPREVIEWJS-  
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