

Prototype Pollution

Affecting `litespeed.js` package, versions <0.3.12

INTRODUCED: 24 JAN 2022 CVE-2021-23682 CWE-1321 FIRST ADDED BY SNYK Share

How to fix?

Upgrade `litespeed.js` to version 0.3.12 or higher.

Overview

`litespeed.js` is a Lite & fast micro javascript framework that is **easy to learn**.

Affected versions of this package are vulnerable to Prototype Pollution. When parsing the query string in the `getJsonFromUrl` function, the key that is set in the result object is not properly sanitized leading to a Prototype Pollution vulnerability.

PoC

- 1. add the following query string `?__proto__[polluted]=yes`
- 2. open the browser developer console. The property `polluted` has value `yes`

References

- [appwrite Github PR](#)
- [appwrite Github Release 0.11.1](#)
- [appwrite Github Release 0.12.2](#)
- [litespeed.js Github PR](#)

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HIGH

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Exploit Maturity	Proof of concept
Attack Complexity	Low

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> NVD 9.8 CRITICAL

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Snyk ID	SNYK-JS-LITESPEEDJS-2359250
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Credit	Alessio Della Libera of Snyk Research Team

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