

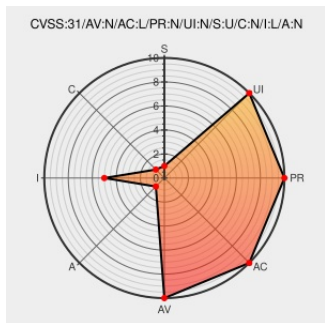


CVE-2020-7637

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CVE-2020-7637

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Class-transformer](#) from [Class-transformer Project](#) contain the following vulnerability:

class-transformer before 0.3.1 allow attackers to perform Prototype Pollution. The classToPlainFromExist function could be tricked into adding or modifying properties of Object.prototype using a `__proto__` payload.

CVE-2020-7637 has been assigned by report@snyk.io to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **5.3 - MEDIUM**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	NONE	LOW	NONE

CVSS2 Score: **5 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	PARTIAL	NONE

CVE References

Description	Tags	Link
Prototype Pollution in class-transformer Snyk	Exploit Third Party Advisory snyk.io text/html	MISC snyk.io/vuln/SNYK-JS-CLASSTRANSFORMER-564431

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Related QID Numbers

981894 Nodejs (npm) Security Update for class-transformer (GHSA-6gp3-h3jj-prx4)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Class-transformer Project	Class-transformer	All	All	All	All
Application	Class-transformer Project	Class-transformer	All	All	All	All
cpe:2.3:a:class-transformer_project:class-transformer:*:*:*:*:node.js:*:*:						
cpe:2.3:a:class-transformer_project:class-transformer:*:*:*:*:node.js:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

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