



CVE-2020-28281

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CVE-2020-28281

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

Certain versions of [Set-object-value](#) from [Set-object-value Project](#) contain the following vulnerability:

Prototype pollution vulnerability in 'set-object-value' versions 0.0.0 through 0.0.5 allows an attacker to cause a denial of service and may lead to remote code execution.

CVE-2020-28281 has been assigned by [vulnerabilitylab@whitesourcesoftware.com](#) to track the vulnerability - currently rated as **CRITICAL** severity.

CVSS3 Score: **9.8 - CRITICAL**

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

CVSS2 Score: **7.5 - HIGH**

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

CVE References

Description	Tags	Link
CVE-2020-28281 WhiteSource Vulnerability Database	Broken Link Third Party Advisory www.whitesourcesoftware.com text/html	CONFIRM www.whitesourcesoftware.com/vulnerability-d-28281

react-atomic-organism/index.js at
e5645a2f9e632ffdebc83d720498831e09754c22
· react-atomic/react-atomic-organism · GitHub

Exploit
Third Party Advisory
github.com
text/html

MISC github.com/react-atomic/react-atomic-organism/blob/e5645a2f9e632ffdebc83d720498831e09754c/object-value/src/index.js#L16

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Related QID Numbers

982770 Nodejs (npm) Security Update for set-object-value (GHSA-4jj4-m52p-8rx3)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Set-object-value Project	Set-object-value	All	All	All	All
cpe:2.3:a:set-object-value_project:set-object-value:*:*:*:*:node.js:*:*:						

No vendor comments have been submitted for this CVE

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