



CVE-2020-28270

Published on: 11/12/2020 12:00:00 AM UTC

Last Modified on: 01/06/2022 02:18:00 PM UTC

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

Certain versions of [Object-hierarchy-access](#) from [Mjplab](#) contain the following vulnerability:

Prototype pollution vulnerability in 'object-hierarchy-access' versions 0.2.0 through 0.32.0 allows attacker to cause a denial of service and may lead to remote code execution.

CVE-2020-28270 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-2020-28270 WhiteSource Vulnerability Database	Exploit Third Party Advisory www.whitesourcesoftware.com text/html	MISC www.whitesourcesoftware.com/vulnerability-database/CVE-2020-28270

fix(setup): prevent assigning value to
`\_\_proto\_\_` · mjpclab/object-hierarchy-
access@7b1aa13 · GitHub

Patch
Third Party Advisory
github.com
text/html

MISC [github.com/mjpclab/object-hierarchy-
access/commit/7b1aa134a8bc4a376296bcfac5c3463aef2b7572](https://github.com/mjpclab/object-hierarchy-access/commit/7b1aa134a8bc4a376296bcfac5c3463aef2b7572)

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Related QID Numbers

[980439](#) Nodejs (npm) Security Update for object-hierarchy-access (GHSA-fxwf-45c7-4ppr)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Mjpclab	Object-hierarchy-access	All	All	All	All
cpe:2.3:a:mjpclab:object-hierarchy-access:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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