



CVE-2020-28471

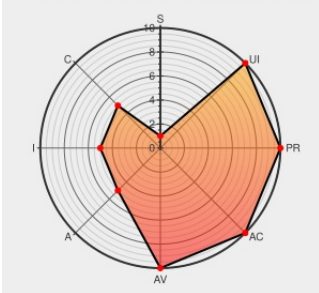
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[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

CVSS:31/AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:L/A:L/E:P



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

This affects the package properties-reader before 2.2.0.

CVE-2020-28471 has been assigned by [report@snyk.io](#) to track the vulnerability - currently rated as **CRITICAL** severity.

CVSS3 Score: **9.8 - CRITICAL**

Attack
Vector

NETWORK

Attack
Complexity

LOW

Privileges
Required

NONE

User
Interaction

NONE

Scope

UNCHANGED

Confidentiality
Impact

HIGH

Integrity
Impact

HIGH

Availability
Impact

HIGH

CVE References

Description

Tags

Link

Snyk - potential prototype pollution · Issue #40 · steveukx/properties · GitHub

[github.com](#)
[text/html](#)

[MISC](#) github.com/steveukx/properties/issues/40

Prototype Pollution in properties-reader | CVE-2020-28471 | Snyk

[security.snyk.io](#)
[text/html](#)

[MISC](#) security.snyk.io/vuln/SNYK-JS-PROPERTIESREADER-1048968

Test case covering the use of `\_\_proto\_\_` as a section name · steveukx/properties@0877cc8 · GitHub

[github.com](#)
[text/html](#)

[MISC](#) github.com/steveukx/properties/commit/0877cc871db9865f58dd9389ce99e61be05380a5

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Properties-reader Project	Properties-reader	All	All	All	All
cpe:2.3:a:properties-reader_project:properties-reader:*:*:*:*:node.js:*:*:						

Discovery Credit

Eugene Lim
Government Technology Agency Cyber Security Group

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2020-28471 : This affects the package properties-reader before 2.2.0. ... cve.report/CVE-2020-28471	2022-07-25 14:22:27
 @JohnJasonFallow	New vulnerability on the NVD: CVE-2020-28471 ift.tt/hpxmZ1R	2022-07-25 16:16:50
 @WesUncensored	New vulnerability on the NVD: CVE-2020-28471 ift.tt/xuV6O58	2022-07-25 16:33:40
 @workentin	New vulnerability on the NVD: CVE-2020-28471 ift.tt/CvVoY4j	2022-07-25 16:40:03
 @xanadulinux	CVE-2020-28471 ift.tt/fSsYKCu	2022-07-25 17:52:46
 /r/netcve	CVE-2020-28471	2022-07-25 15:38:57

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