



CVE-2021-23406

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

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



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

This affects the package pac-resolver before 5.0.0. This can occur when used with untrusted input, due to unsafe PAC file handling.

****NOTE:**** The fix for this vulnerability is applied in the node-degenerator library, a dependency written by the same maintainer.

CVE-2021-23406 has been assigned by [report@snyk.io](#) 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
Fix return `undefined` · TooTallNate/node-degenerator@ccc3445 · GitHub	github.com text/html	MISC github.com/TooTallNate/node-degenerator/commit/ccc3445354135398b6eb1a04c7d27c13b833f2d5
Release 5.0.0 · TooTallNate/node-pac-resolver · GitHub	github.com text/html	MISC github.com/TooTallNate/node-pac-resolver/releases/tag/5.0.0

Fix `filename` option · TooTallNate/node-degenerator@9d25bb6 · GitHub	github.com text/html	MISC github.com/TooTallNate/node-degenerator/commit/9d25bb67d957bc2e5425fea7bf7a58b3fc64ff9e
Remote Code Execution (RCE) in org.webjars.npm:pac-resolver Snyk	snyk.io text/html	MISC snyk.io/vuln/SNYK-JAVA-ORGWEBJARSNPM-1568506
Remote Code Execution (RCE) in pac-resolver Snyk	snyk.io text/html	MISC snyk.io/vuln/SNYK-JS-PACRESOLVER-1564857

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Related QID Numbers

[375841](#) Node.js Pac-Resolver Module Remote Code Execution (RCE) Vulnerability

[981260](#) Nodejs (npm) Security Update for node-degenerator (GHSA-9j49-mfvp-vmhm)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Pac-resolver Project	Pac-resolver	All	All	All	All
cpe:2.3:a:pac-resolver_project:pac-resolver:*:*:*:*:node.js:*:						

Discovery Credit

Tim Perry

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2021-23406 : This affects the package pac-resolver before 5.0.0. This can occur when used with untrusted input... twitter.com/i/web/status/1...	2021-08-24 07:49:15

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