

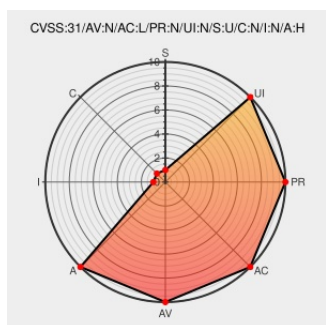


CVE-2021-41167

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CVE-2021-41167 - advisory for GHSA-3pcq-34w5-p4g2

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

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

modern-async is an open source JavaScript tooling library for asynchronous operations using async/await and promises. In affected versions a bug affecting two of the functions in this library: `forEachSeries` and `forEachLimit`. They should limit the concurrency of some actions but, in practice, they don't. Any code calling these

functions will be written thinking they would limit the concurrency but they won't. This could lead to potential security issues in other projects. The problem has been patched in 1.0.4. There is no workaround.

CVE-2021-41167 has been assigned by [security-advisories@github.com](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [nicolas-van](#) - `modern-async` version < 1.0.4

CVSS3 Score: **7.5 - HIGH**

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

CVSS2 Score: **5 - MEDIUM**

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

CVE References

Description	Tags	Link
Fix #5 · nicolas-van/modern-async@0010d28 · GitHub	github.com text/html	MISC github.com/nicolas-van/modern-async/commit/0010d28de1b15d51db3976080e26357fa7144436
forEachLimit is ignoring the concurrent paramter · Issue #5 · nicolas-van/modern-async · GitHub	github.com text/html	MISC github.com/nicolas-van/modern-async/issues/5
forEachSeries and forEachLimit do not limit the number of requests · Advisory · nicolas-van/modern-async · GitHub	github.com text/html	CONFIRM github.com/nicolas-van/modern-async/security/advisories/GHSA-3pcq-34w5-p4g2

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Related QID Numbers

375997 Node.js Modern-Async Module Denial of Service (DoS) Vulnerability

980256 Nodejs (npm) Security Update for modern-async (GHSA-3pcq-34w5-p4g2)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Modern-async Project	Modern-async	All	All	All	All

cpe:2.3:a:modern-async_project:modern-async:*:*:*:*:node.js:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2021-41167 : modern-async is an open source JavaScript tooling library for asynchronous operations using async/... twitter.com/i/web/status/1...	2021-10-20 18:27:24
@RasdIntel	CVE-2021-41167: [Score: 7.5] modern-async is an open source JavaScript tooling library for asynchronous operations... twitter.com/i/web/status/1...	2021-10-21 13:23:28

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