



fast-jwt: Stateful RegExp (/g or /y) causes non-deterministic allowed-claim validation (logical DoS)

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

CVE	CVE-2026-35040
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-09 16:16:27 UTC
Updated	2026-04-17 20:10:05 UTC
Description	fast-jwt provides fast JSON Web Token (JWT) implementation. Prior to 6.2.1, using certain modifiers on RegExp objects in

Risk And Classification

Primary CVSS: v3.1 5.3 MEDIUM from security-advisories@github.com

CVSS: 3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:L

EPSS: 0.000720000 probability, percentile 0.219810000 (date 2026-04-17)

Problem Types: CWE-440 | CWE-697 | CWE-697 CWE-697: Incorrect Comparison | CWE-440 CWE-440: Expected Behavior Violation

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	5.3	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:L
3.1	CNA	DECLARED	5.3	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:L

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

Low

CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:L

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Nearform	Fast-jwt	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Nearform	Fast-jwt	affected < 6.2.1	Not specified

References

Reference	Source	Link	Tags
github.com/nearform/fast-jwt/commit/18d25904e4617e8753526d1b3ab5a2cccdea...	security-advisories@github.com	github.com	Patch
github.com/nearform/fast-jwt/security/advisories/GHSA-3j8v-cgw4-2g6q	security-advisories@github.com	github.com	Exploit
github.com/nearform/fast-jwt/releases/tag/v6.2.1	security-advisories@github.com	github.com	Product
github.com/nearform/fast-jwt/pull/593	security-advisories@github.com	github.com	Issue
CVE Program record	CVE.ORG	www.cve.org	Canonical
NVD vulnerability detail	NVD	nvd.nist.gov	Canonical

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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