



path-to-regexp vulnerable to Regular Expression Denial of Service via multiple route parameters

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

Summary

CVE	CVE-2026-4867
State	PUBLISHED
Assigner	openjs
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-26 17:16:42 UTC
Updated	2026-03-30 13:26:50 UTC
Description	Impact: A bad regular expression is generated any time you have three or more parameters within a single segment, separ

Risk And Classification

Primary CVSS: v3.1 7.5 HIGH from ce714d77-add3-4f53-aff5-83d477b104bb

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

EPSS: 0.000500000 probability, percentile 0.154600000 (date 2026-04-02)

Problem Types: CWE-1333 | CWE-1333 CWE-1333: Inefficient Regular Expression Complexity

Version	Source	Type	Score	Severity	Vector
3.1	ce714d77-add3-4f53-aff5-83d477b104bb	Secondary	7.5	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H
3.1	CNA	CVSS	7.5	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Path-to-regexp	Path-to-regexp	affected 0.1.13 semver	Not specified

References

Reference	Source	Link	Tags
blakeembrey.com/posts/2024-09-web-redos	ce714d77-add3-4f53-aff5-83d477b104bb	blakeembrey.com	
cna.openjsf.org/security-advisories.html	ce714d77-add3-4f53-aff5-83d477b104bb	cna.openjsf.org	
github.com/advisories/GHSA-9wv6-86v2-598j	ce714d77-add3-4f53-aff5-83d477b104bb	github.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

Vendor Comments And Credit

Discovery Credit

CNA: [EthanKim88](#) (en)

CNA: [blakeembrey](#) (en)

CNA: [UlisesGascon](#) (en)

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

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