

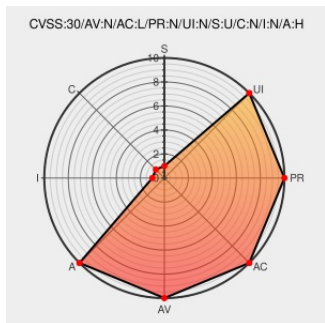


CVE-2017-18077

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CVE-2017-18077

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

Certain versions of [Brace Expansion](#) from [Brace Expansion Project](#) contain the following vulnerability:

index.js in brace-expansion before 1.1.7 is vulnerable to Regular Expression Denial of Service (ReDoS) attacks, as demonstrated by an expand argument containing many comma characters.

CVE-2017-18077 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

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
#862712 - node-brace-expansion: regular expression denial of service - Debian Bug report logs	Third Party Advisory bugs.debian.org text/html	@ MISC bugs.debian.org/862712
ReDoS in expand · Issue #33 ·	Exploit	@ MISC github.com/juliangruber/brace-expansion/issues/33

juliangruber/brace-expansion · GitHub

Issue Tracking

Patch

Third Party Advisory

github.com

text/html

avoid ReDoS in expand by myvyang · Pull Request #35 · juliangruber/brace-expansion · GitHub

Patch

Third Party Advisory

github.com

text/html

MISC

github.com/juliangruber/brace-expansion/pull/35/commits/b13381281cead487cbdbfd6a69fb097ea5e456c3

Node Security Platform | Advisory

Exploit

Third Party Advisory

nodesecurity.io

text/html

S

MISC

nodesecurity.io/advisories/338

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Related QID Numbers

981217 Nodejs (npm) Security Update for brace-expansion (GHSA-832h-xg76-4gv6)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Brace Expansion Project	Brace Expansion	All	All	All	All
Application	Brace Expansion Project	Brace Expansion	All	All	All	All

cpe:2.3:a:brace_expansion_project:brace_expansion:*****:

cpe:2.3:a:brace_expansion_project:brace_expansion:*****:

No vendor comments have been submitted for this CVE