



brace-expansion: Zero-step sequence causes process hang and memory exhaustion

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

Summary

CVE CVE-2026-33750

State PUBLISHED

Assigner GitHub_M

Source Priority CVE Program / NVD first with legacy fallback

Published 2026-03-27 15:16:57 UTC

Updated 2026-03-30 13:26:29 UTC

Description The brace-expansion library generates arbitrary strings containing a common prefix and suffix. Prior to versions 5.0.5, 3.0.2

Risk And Classification

Primary CVSS: v3.1 6.5 MEDIUM from security-advisories@github.com

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

EPSS: 0.000580000 probability, percentile 0.184610000 (date 2026-04-02)

Problem Types: CWE-400 | CWE-400 CWE-400: Uncontrolled Resource Consumption

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	6.5	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H
3.1	CNA	DECLARED	6.5	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Juliangruber	Brace-expansion	affected >= 4.0.0, < 5.0.5	Not specified
CNA	Juliangruber	Brace-expansion	affected >= 3.0.0, < 3.0.2	Not specified
CNA	Juliangruber	Brace-expansion	affected >= 2.0.0, < 2.0.3	Not specified
CNA	Juliangruber	Brace-expansion	affected < 1.1.13	Not specified

References

Reference	Source	Link	Tags
github.com/juliangruber/brace-expansion/blob/daa71bcb4a30a2df9bcb7f7b8da...	security-advisories@github.com	github.com	
github.com/juliangruber/brace-expansion/commit/7fd684f89fdde3549563d0a65...	security-advisories@github.com	github.com	
github.com/juliangruber/brace-expansion/security/advisories/GHSA-f886-m6...	security-advisories@github.com	github.com	
github.com/juliangruber/brace-expansion/commit/311ac0d54994158c0a384e286...	security-advisories@github.com	github.com	
github.com/juliangruber/brace-expansion/commit/b9cacd9e55e7a1fa588fe4b7b...	security-advisories@github.com	github.com	
github.com/juliangruber/brace-expansion/issues/98	security-advisories@github.com	github.com	
github.com/juliangruber/brace-expansion/pull/95	security-advisories@github.com	github.com	
github.com/juliangruber/brace-expansion/blob/daa71bcb4a30a2df9bcb7f7b8da...	security-advisories@github.com	github.com	
github.com/juliangruber/brace-expansion/pull/97	security-advisories@github.com	github.com	
github.com/juliangruber/brace-expansion/pull/96	security-advisories@github.com	github.com	
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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