



Apache Commons Configuration: StackOverflowError for YAML input with cycles

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

Summary

CVE	CVE-2026-45205
State	PUBLISHED
Assigner	apache
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-14 12:16:35 UTC
Updated	2026-05-15 18:40:16 UTC
Description	Uncontrolled Recursion vulnerability in Apache Commons. When processing an untrusted configuration file, Commons Con

Risk And Classification

Primary CVSS: v3.1 5.3 MEDIUM from ADP

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

EPSS: 0.000980000 probability, percentile 0.267510000 (date 2026-05-16)

Problem Types: CWE-674 | CWE-674 CWE-674 Uncontrolled Recursion

Version	Source	Type	Score	Severity	Vector
3.1	ADP	DECLARED	5.3	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:L
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	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	Apache	Commons Configuration	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Apache Software Foundation	Apache Commons Configuration	affected 2.2 2.15.0 semver	Not specified

References

Reference	Source	Link	Tags
www.openwall.com/lists/oss-security/2026/05/14/5	af854a3a-2127-422b-91ae-364da2661108	www.openwall.com	Mailing List
lists.apache.org/thread/q3q3j10ohcqhs6o0rg1v7kz6kk27vtkk	security@apache.org	lists.apache.org	Mailing List
github.com/apache/commons-configuration/pull/634	security@apache.org	github.com	Issue Track
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, a

Vendor Comments And Credit

Discovery Credit

CNA: Erichen, Institute of Computing Technology, Chinese Academy of Sciences (en)

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

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