



Apache OpenNLP: OOM DoS via Unbounded Array Allocation in AbstractModelReader

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

Summary

CVE	CVE-2026-42440
State	PUBLISHED
Assigner	apache
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-04 17:16:26 UTC
Updated	2026-05-05 19:32:23 UTC
Description	OOM Denial of Service via Unbounded Array Allocation in Apache OpenNLP AbstractModelReader Versions Affected: bef

Risk And Classification

Primary CVSS: v3.1 7.5 HIGH from ADP

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

EPSS: 0.000190000 probability, percentile 0.053330000 (date 2026-05-05)

Problem Types: CWE-789 | CWE-789 CWE-789: Memory Allocation with Excessive Size Value

Version	Source	Type	Score	Severity	Vector
3.1	ADP	DECLARED	7.5	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	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	Apache Software Foundation	Apache OpenNLP	affected 2.5.9 semver	Not specified
CNA	Apache Software Foundation	Apache OpenNLP	affected 3.0 3.0.0-M3 semver	Not specified

References

Reference	Source	Link	Tags
www.openwall.com/lists/oss-security/2026/05/01/21	af854a3a-2127-422b-91ae-364da2661108	www.openwall.com	
lists.apache.org/thread/s8xlkx1gqbxfsq48py5h6jphjvgqp1jo	security@apache.org	lists.apache.org	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, ar

Vendor Comments And Credit

Discovery Credit

CNA: Subramanian S (en)

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

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