



# Apache OpenNLP: XXE via Dictionary Parsing in DictionaryEntryPersistor

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

## Summary

<b>CVE</b>	CVE-2026-40682
<b>State</b>	PUBLISHED
<b>Assigner</b>	apache
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-05-04 17:16:23 UTC
<b>Updated</b>	2026-05-05 19:32:23 UTC
<b>Description</b>	XML External Entity (XXE) via Unsanitized Dictionary Parsing in Apache OpenNLP DictionaryEntryPersistor Versions Affec

## Risk And Classification

**Primary CVSS:** v3.1 9.1 CRITICAL from ADP

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

**Problem Types:** CWE-611 | CWE-611 CWE-611 Improper Restriction of XML External Entity Reference

Version	Source	Type	Score	Severity	Vector
3.1	ADP	DECLARED	9.1	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:N
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	9.1	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:N

## CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

None

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

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	<a href="#">Apache Software Foundation</a>	<a href="#">Apache OpenNLP</a>	affected 2.5.9 semver	Not specified
CNA	<a href="#">Apache Software Foundation</a>	<a href="#">Apache OpenNLP</a>	affected 3.0 3.0.0-M3 semver	Not specified

### References

Reference	Source	Link	Tags
<a href="http://www.openwall.com/lists/oss-security/2026/05/01/19">www.openwall.com/lists/oss-security/2026/05/01/19</a>	af854a3a-2127-422b-91ae-364da2661108	<a href="http://www.openwall.com">www.openwall.com</a>	
<a href="https://lists.apache.org/thread/r6jpt0qr9nj67gqhppqg7jxf8vsbo0w6">lists.apache.org/thread/r6jpt0qr9nj67gqhppqg7jxf8vsbo0w6</a>	security@apache.org	<a href="https://lists.apache.org">lists.apache.org</a>	
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	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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