

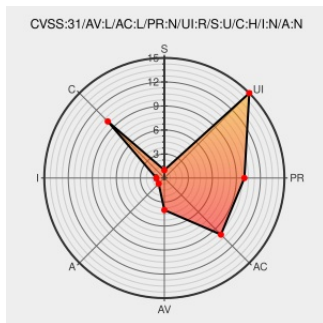


CVE-2019-17554

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CVE-2019-17554

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

Certain versions of [Olingo](#) from [Apache](#) contain the following vulnerability:

The XML content type entity deserializer in Apache Olingo versions 4.0.0 to 4.6.0 is not configured to deny the resolution of external entities. Request with content type "application/xml", which trigger the deserialization of entities, can be used to trigger XXE attacks.

CVE-2019-17554 has been assigned by security@apache.org to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: **Apache** - **Olingo** version **4.0.0 to 4.6.0**

CVSS3 Score: **5.5 - MEDIUM**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	NONE	REQUIRED
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	NONE	NONE

CVSS2 Score: **4.3 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	NONE	NONE

CVE References

Description	Tags	Link
Bugtraq: CVE-2019-17554 - Apache Olingo OData 4.0 - XML External Entity Resolution (XXE)	Exploit Third Party Advisory seclists.org	BUGTRAQ 20191210 CVE-2019-17554 - Apache Olingo OData 4.0 - XML External Entity Resolution (XXE)

	cve.report text/html	CVE
Pony Mail!	lists.apache.org text/html	 MLIST [announce] 20200131 Apache Software Foundation Security Report: 2019
[SECURITY] CVE-2019-17554: XML External Entity resolution attack	Mailing List Vendor Advisory mail-archives.apache.org text/xml	 MLIST [olingo-user] 20191204 [SECURITY] CVE-2019-17554: XML External Entity resolution attack
Apache Olingo OData 4.6.x XML Injection ~ Packet Storm	Exploit Third Party Advisory packetstormsecurity.com text/html	 MISC packetstormsecurity.com/files/155619/Apache-Olingo-OData-4.6.x-XML-Injection.html

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Related QID Numbers

[981597](#) Java (maven) Security Update for org.apache.olingo:odata-server-core (GHSA-mgh8-hcwj-h57v)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Apache	Olingo	All	All	All	All
cpe:2.3:a:apache:olingo:*****:						

No vendor comments have been submitted for this CVE

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