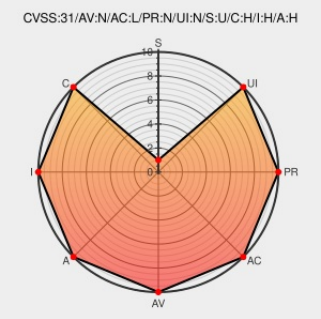
CVE-2019-17556

Published on: 12/04/2019 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:27:38 PM UTC

CVE-2019-17556

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Olingo from Apache contain the following vulnerability:

Apache Olingo versions 4.0.0 to 4.6.0 provide the AbstractService class, which is public API, uses ObjectInputStream and doesn't check classes being deserialized. If an attacker can feed malicious metadata to the class, then it may result in running attacker's code in the worse case.

CVE-2019-17556 has been assigned by security@apache.org to track the vulnerability - currently rated as CRITICAL severity.

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

CVSS3 Score: 9.8 - CRITICAL

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

CVSS2 Score: 10 - HIGH

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
[SECURITY] CVE-2019-17556:	Mailing List	MLIST [olingo-user] 20191204 [SECURITY] CVE-2019-17556:

Deserialization vulnerability	Vendor Advisory mail-archives.apache.org text/xml	Deserialization vulnerability

By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.

Related QID Numbers

981596 Java (maven) Security Update for org.apache.olingo:odata-client-proxy (GHSA-gj76-429m-56wc)

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

← Previous ID

Next ID→