CVE-2021-39239

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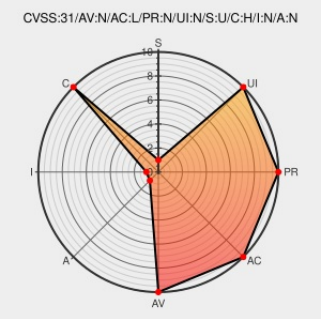
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Jena from Apache contain the following vulnerability:

A vulnerability in XML processing in Apache Jena, in versions up to 4.1.0, may allow an attacker to execute XML External Entities (XXE), including exposing the contents of local files to a remote server.

CVE-2021-39239 has been assigned by security@apache.org to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **Apache Software Foundation** - **Apache Jena** version **< 4.1.0**

Vulnerability Patch/Work Around

Users are advised to upgrade to Apache Jena 4.2.0 or later.

CVSS3 Score: 7.5 - HIGH

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

CVSS2 Score: 5 - MEDIUM

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

CVE References

Description	Tags	Link
Pony Mail!	lists.apache.org text/html	MLIST [announce] 20210916 CVE-2021-39239: Apache Jena: XML External Entity (XXE) vulnerability
Pony Mail!	lists.apache.org text/html	MLIST [jena-dev] 20210921 Re: CVE-2021-39239 notifications for Jena 4.2.0
Pony Mail!	lists.apache.org text/html	MLIST [jena-dev] 20210921 CVE-2021-39239 notifications for Jena 4.2.0
Pony Mail!	lists.apache.org text/html	MISC lists.apache.org/thread.html/rf44d529c54ef1d0097e813f576a0823a727e1669a9f610d3221d493d%40%3Cus

Related QID Numbers

183067 Debian Security Update for apache-jena (CVE-2021-39239)

980820 Java (maven) Security Update for org.apache.jena:jena-core (GHSA-7rp6-w7mg-h8rw)

Exploit/POC from Github

PoC for exploiting CVE-2021-39239 : A vulnerability in XML processing in Apache Jena, in versions up to 4.1.0, may al…

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Apache	Jena	All	All	All	All

cpe:2.3:a:apache:jena:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2021-39239 : A vulnerability in XML processing in #Apache Jena, in versions up to 4.1.0, may allow an attacker… twitter.com/i/web/status/1…	2021-09-16 14:46:15

← Previous ID

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CVE.report and Source URL Uptime Status status.cve.report