CVE-2021-38555

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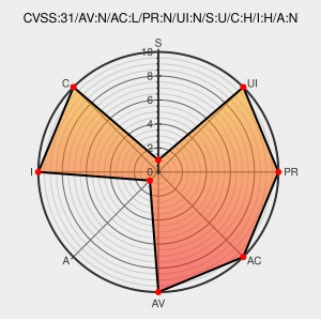
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Any23 from Apache contain the following vulnerability:

An XML external entity (XXE) injection vulnerability was discovered in the Any23 StreamUtils.java file and is known to affect Any23 versions < 2.5. XML external entity injection (also known as XXE) is a web security vulnerability that allows an attacker to interfere with an application's processing of XML data. It often allows an attacker to view files on the application server filesystem, and to interact with any back-end or external systems that the application itself can access.

CVE-2021-38555 has been assigned by security@apache.org to track the vulnerability - currently rated as CRITICAL severity.

Affected Vendor/Software: **Apache Software Foundation** - **Apache Any23** version **< 2.5**

CVSS3 Score: 9.1 - CRITICAL

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

CVSS2 Score: 6.4 - MEDIUM

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

CVE References

Description	Tags	Link
Pony Mail!	lists.apache.org text/html	MISC lists.apache.org/thread.html/r589d1a9f94dbeee7a0f5dbe8513a0e300dfe669bd964ba2fbfe28e07%40%3Can

Related QID Numbers

980671 Java (maven) Security Update for org.apache.any23:apache-any23 (GHSA-838r-hvwh-24h8)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Apache	Any23	All	All	All	All

cpe:2.3:a:apache:any23:*:*:*:*:*:*:*:*:

Discovery Credit

The Apache Any23 Project Management Committee would like to thank Zhuxuan Wu for reporting the security vulnerability.

Social Mentions

Source	Title	Posted (UTC)
@oss_security	CVE-2021-38555: An XML external entity (XXE) injection vulnerability exists in Apache Any23 StreamUtils.java… twitter.com/i/web/status/1…	2021-09-11 10:54:02
@CVEreport	CVE-2021-38555 : An XML external entity XXE injection vulnerability was discovered in the Any23… twitter.com/i/web/status/1…	2021-09-11 11:10:31

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