CVE-2017-14949

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CVE-2017-14949

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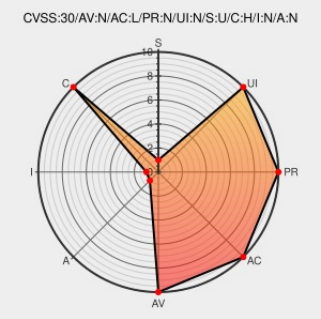

Certain versions of Restlet from Restlet contain the following vulnerability:

Restlet Framework before 2.3.12 allows remote attackers to access arbitrary files via a crafted REST API HTTP request that conducts an XXE attack, because only general external entities (not parameter external entities) are properly considered. This is related to XmlRepresentation, DOMRepresentation, SaxRepresentation, and JacksonRepresentation.

CVE-2017-14949 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

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
Parameter entity XXE vulnerability in Restlet (CVE-2017-14949) - Blog - LGTM	Exploit, Third Party Advisory	MISC lgtm.com/blog/restlet_CVE-2017-14949

	web.archive.org text/html Inactive Link Not Archived	
XEE security enhancements · restlet/restlet-framework-java Wiki · GitHub	Third Party Advisory github.com text/html	MISC github.com/restlet/restlet-framework-java/wiki/XEE-security-enhancements

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Related QID Numbers

983769 Java (maven) Security Update for org.restlet.jse:org.restlet (GHSA-cvj4-g3gx-8vqq)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Restlet	Restlet	All	All	All	All
Application	Restlet	Restlet	All	All	All	All

cpe:2.3:a:restlet:restlet:*:*:*:*:*:*:*:*:

cpe:2.3:a:restlet:restlet:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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