CVE-2013-4221

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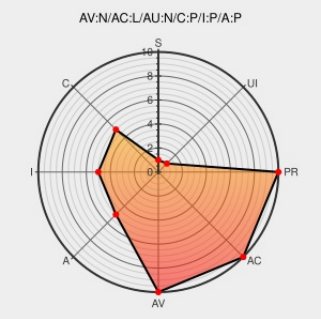
CVE-2013-4221

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



Certain versions of Restlet from Restlet contain the following vulnerability:

The default configuration of the ObjectRepresentation class in Restlet before 2.1.4 deserializes objects from untrusted sources using the Java XMLDecoder, which allows remote attackers to execute arbitrary Java code via crafted XML.

CVE-2013-4221 has been assigned by secalert@redhat.com to track the vulnerability

CVSS2 Score: 7.5 - HIGH

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

CVE References

Description	Tags	Link
SECURITY: remote code execution due to XML deserialization in Restlet · Issue #774 · restlet/restlet-framework-java · GitHub	Issue Tracking, Patch, github.com, text/html	CONFIRM github.com/restlet/restlet-framework-java/issues/774
Red Hat Customer Portal	Third Party Advisory, web.archive.org, text/html, Inactive Link, Not Archived	REDHAT RHSA-2013:1410
Dinis Cruz Blog: Using XMLDecoder to execute server-side Java Code on an Restlet application (i.e. Remote Command Execution)	Third Party Advisory, web.archive.org, text/html, Inactive Link, Not Archived	MISC blog.diniscruz.com/2013/08/using-xmldecoder-to-execute-server-side.html
Red Hat Customer Portal	Third Party Advisory, web.archive.org	REDHAT RHSA-2013:1862

	text/html Inactive Link Not Archived	
Talend - A Cloud Data Integration Leader (modern ETL)	Release Notes Vendor Advisory restlet.org text/plain	CONFIRM restlet.org/learn/2.1/changes
995275 – (CVE-2013-4221) CVE-2013-4221 Restlet: remote code execution due to insecure XML deserialization	Issue Tracking Third Party Advisory bugzilla.redhat.com text/html	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=995275

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Restlet	Restlet	2.1	milestone1	All	All
Application	Restlet	Restlet	2.1	milestone2	All	All
Application	Restlet	Restlet	2.1	milestone3	All	All
Application	Restlet	Restlet	2.1	milestone4	All	All
Application	Restlet	Restlet	2.1	milestone5	All	All
Application	Restlet	Restlet	2.1	milestone6	All	All
Application	Restlet	Restlet	2.1	rc1	All	All
Application	Restlet	Restlet	2.1	rc2	All	All
Application	Restlet	Restlet	2.1	rc3	All	All
Application	Restlet	Restlet	2.1	rc4	All	All
Application	Restlet	Restlet	2.1	rc5	All	All
Application	Restlet	Restlet	2.1	rc6	All	All
Application	Restlet	Restlet	2.1.0	All	All	All
Application	Restlet	Restlet	2.1.1	All	All	All
Application	Restlet	Restlet	2.1.2	All	All	All
Application	Restlet	Restlet	2.1	milestone1	All	All
Application	Restlet	Restlet	2.1	milestone2	All	All
Application	Restlet	Restlet	2.1	milestone3	All	All
Application	Restlet	Restlet	2.1	milestone4	All	All
Application	Restlet	Restlet	2.1	milestone5	All	All
Application	Restlet	Restlet	2.1	milestone6	All	All

Application	Restlet	Restlet	2.1	rc1	All	All
Application	Restlet	Restlet	2.1	rc2	All	All
Application	Restlet	Restlet	2.1	rc3	All	All
Application	Restlet	Restlet	2.1	rc4	All	All
Application	Restlet	Restlet	2.1	rc5	All	All
Application	Restlet	Restlet	2.1	rc6	All	All
Application	Restlet	Restlet	2.1.0	All	All	All
Application	Restlet	Restlet	2.1.1	All	All	All
Application	Restlet	Restlet	2.1.2	All	All	All
Application	Restlet	Restlet	All	All	All	All

cpe:2.3:a:restlet:restlet:2.1:milestone1:*:*:*:*:*:*:

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cpe:2.3:a:restlet:restlet:2.1:milestone3:*:*:*:*:*:*:

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cpe:2.3:a:restlet:restlet:2.1:milestone5:*:*:*:*:*:*:

cpe:2.3:a:restlet:restlet:2.1:milestone6:*:*:*:*:*:*:

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cpe:2.3:a:restlet:restlet:2.1:rc2:*:*:*:*:*:*:

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cpe:2.3:a:restlet:restlet:2.1:rc5:*:*:*:*:*:*:

cpe:2.3:a:restlet:restlet:2.1:rc6:*:*:*:*:*:*:

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cpe:2.3:a:restlet:restlet:2.1:rc4:*:*:*:*:*:*:

cpe:2.3:a:restlet:restlet:2.1:rc5:*:*:*:*:*:*:

cpe:2.3:a:restlet:restlet:2.1:rc6:*:*:*:*:*:*:

cpe:2.3:a:restlet:restlet:2.1.0:*:*:*:*:*:*:*:

cpe:2.3:a:restlet:restlet:2.1.1:*:*:*:*:*:*:*:

cpe:2.3:a:restlet:restlet:2.1.2:*:*:*:*:*:*:*:

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

No vendor comments have been submitted for this CVE

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