

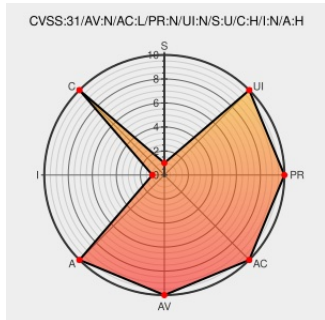


CVE-2020-4377

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CVE-2020-4377

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

Certain versions of [Cognos Analytics](#) from [Ibm](#) contain the following vulnerability:

IBM Cognos Analytics 11.0 and 11.1 is vulnerable to an XML External Entity Injection (XXE) attack when processing XML data. A remote attacker could exploit this vulnerability to expose sensitive information or consume memory resources. IBM X-Force ID: 179156.

CVE-2020-4377 has been assigned by [psirt@us.ibm.com](#) to track the vulnerability - currently rated as **CRITICAL** severity.

Affected Vendor/Software: [IBM](#) - **Cognos Analytics** version **11.0**

Affected Vendor/Software: [IBM](#) - **Cognos Analytics** version **11.1**

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	NONE	HIGH

CVSS2 Score: **6.4 - MEDIUM**

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

CVE References

Description	Tags	Link
IBM X-Force ID: 179156	XXE	CVE-2020-4377

IBM X-Force Exchange

VDB Entry

Vendor Advisory

exchange.xforce.ibmcloud.com

text/html

XF

ibm-cognos-cve202043 / -xxe

(179156)

Security Bulletin: IBM Cognos Analytics has addressed multiple vulnerabilities

Vendor Advisory

www.ibm.com

text/html

CONFIRM

www.ibm.com/support/pages/node/6252853

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	ibm	Cognos Analytics	11.0.0	All	All	All
Application	ibm	Cognos Analytics	11.1.0	All	All	All
Application	ibm	Cognos Analytics	11.0.0	All	All	All
Application	ibm	Cognos Analytics	11.1.0	All	All	All

cpe:2.3:a:ibm:cognos_analytics:11.0.0:*:*:*:*:*:

cpe:2.3:a:ibm:cognos_analytics:11.1.0:*:*:*:*:*:

cpe:2.3:a:ibm:cognos_analytics:11.0.0:*:*:*:*:*:

cpe:2.3:a:ibm:cognos_analytics:11.1.0:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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