

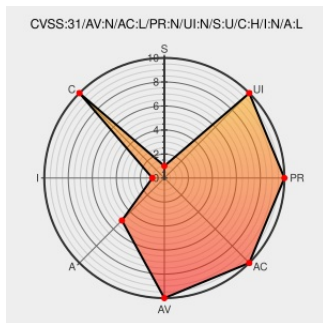


CVE-2019-4424

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CVE-2019-4424

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

Certain versions of [Business Automation Workflow](#) from [Ibm](#) contain the following vulnerability:

IBM Business Automation Workflow 18.0.0.0, 18.0.0.1, 18.0.0.2, 19.0.0.1, and 19.0.0.2 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: 162770.

CVE-2019-4424 has been assigned by [psirt@us.ibm.com](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [IBM](#) - **Business Automation Workflow** version **18.0.0.0**

Affected Vendor/Software: [IBM](#) - **Business Automation Workflow** version **18.0.0.1**

Affected Vendor/Software: [IBM](#) - **Business Automation Workflow** version **18.0.0.2**

Affected Vendor/Software: [IBM](#) - **Business Automation Workflow** version **19.0.0.1**

Affected Vendor/Software: [IBM](#) - **Business Automation Workflow** version **19.0.0.2**

CVSS3 Score: **8.2 - HIGH**

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

CVSS2 Score: **6.4 - MEDIUM**

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

impact	impact	impact
PARTIAL	NONE	PARTIAL
CVE References		
Description	Tags	Link
Security Bulletin: XML External Entity Injection vulnerability in IBM Business Automation Workflow and IBM Business Process Manager (BPM) (CVE-2019-4424)	Vendor Advisory www.ibm.com text/html	 CONFIRM www.ibm.com/support/docview.wss?uid=ibm10959537
IBM X-Force Exchange	VDB Entry Vendor Advisory exchange.xforce.ibmcloud.com text/html	 XF ibm-baw-cve20194424-xxe (162770)
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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	Business Automation Workflow	All	All	All	All
Application	ibm	Business Process Manager	8.5.5.0	All	All	All
Application	ibm	Business Process Manager	8.5.6.0	-	All	All
Application	ibm	Business Process Manager	8.5.6.0	cf01	All	All
Application	ibm	Business Process Manager	8.5.6.0	cf02	All	All
Application	ibm	Business Process Manager	8.5.7.0	-	All	All
Application	ibm	Business Process Manager	8.5.7.0	cf2016.06	All	All
Application	ibm	Business Process Manager	8.5.7.0	cf2016.09	All	All
Application	ibm	Business Process Manager	8.5.7.0	cf2016.12	All	All
Application	ibm	Business Process Manager	8.5.7.0	cf2017.03	All	All
Application	ibm	Business Process Manager	8.5.7.0	cf2017.06	All	All
Application	ibm	Business Process Manager	8.6.0.0	-	All	All
Application	ibm	Business Process Manager	8.6.0.0	cf2017.12	All	All
Application	ibm	Business Process Manager	8.6.0.0	cf2018.03	All	All
Application	ibm	Business Process Manager	8.5.5.0	All	All	All
Application	ibm	Business Process Manager	8.5.6.0	-	All	All
Application	ibm	Business Process Manager	8.5.6.0	cf01	All	All
Application	ibm	Business Process Manager	8.5.6.0	cf02	All	All
Application	ibm	Business Process Manager	8.5.7.0	-	All	All

Application	ibm	Business Process Manager	8.5.7.0	cf2016.06	All	All
Application	ibm	Business Process Manager	8.5.7.0	cf2016.09	All	All
Application	ibm	Business Process Manager	8.5.7.0	cf2016.12	All	All
Application	ibm	Business Process Manager	8.5.7.0	cf2017.03	All	All
Application	ibm	Business Process Manager	8.5.7.0	cf2017.06	All	All
Application	ibm	Business Process Manager	8.6.0.0	-	All	All
Application	ibm	Business Process Manager	8.6.0.0	cf2017.12	All	All
Application	ibm	Business Process Manager	8.6.0.0	cf2018.03	All	All
Application	ibm	Business Process Manager	All	All	All	All
Application	ibm	Business Process Manager	All	All	All	All
Application	ibm	Business Process Manager	All	All	All	All

cpe:2.3:a:ibm:business_automation_workflow:*:*:*:*:*:

cpe:2.3:a:ibm:business_process_manager:8.5.5.0:*:*:*:*:*:

cpe:2.3:a:ibm:business_process_manager:8.5.6.0:-:*:*:*:*:

cpe:2.3:a:ibm:business_process_manager:8.5.6.0:cf01:*:*:*:*:

cpe:2.3:a:ibm:business_process_manager:8.5.6.0:cf02:*:*:*:*:

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cpe:2.3:a:ibm:business_process_manager:8.5.7.0:cf2016.06:*:*:*:*:

cpe:2.3:a:ibm:business_process_manager:8.5.7.0:cf2016.09:*:*:*:*:

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cpe:2.3:a:ibm:business_process_manager:8.5.7.0:cf2016.12:*:*:*:*:*:
cpe:2.3:a:ibm:business_process_manager:8.5.7.0:cf2017.03:*:*:*:*:*:
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cpe:2.3:a:ibm:business_process_manager:8.6.0.0:cf2018.03:*:*:*:*:*:
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cpe:2.3:a:ibm:business_process_manager:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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