

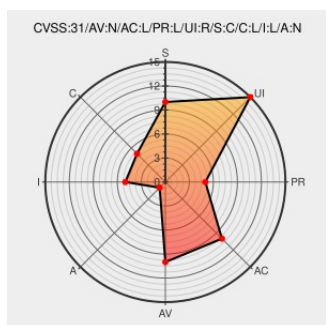


CVE-2020-4977

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CVE-2020-4977

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

Certain versions of [Collaborative Lifecycle Management](#) from [Ibm](#) contain the following vulnerability:

IBM Engineering Lifecycle Optimization - Publishing is vulnerable to stored cross-site scripting. This vulnerability allows users to embed arbitrary JavaScript code in the Web UI thus altering the intended functionality potentially leading to credentials disclosure within a trusted session. IBM X-Force ID: 192470.

CVE-2020-4977 has been assigned by [psirt@us.ibm.com](#) to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **5.4 - MEDIUM**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	LOW	REQUIRED
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
CHANGED	LOW	LOW	NONE

CVSS2 Score: **3.5 - LOW**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	SINGLE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	PARTIAL	NONE

CVE References

Description	Tags	Link
IBM X-Force Exchange	exchange.xforce.ibmcloud.com text/html	XF ibm-engineering-cve20204977-xss (192470)
Security Bulletin: Multiple vulnerabilities affect IBM .lazz	www.ibm.com	CONFIRM

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There are currently no QIDs associated with this CVE

Exploit/POC from Github

PoC for exploiting CVE-2020-4977

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	ibm	Collaborative Lifecycle Management	6.0.6	All	All	All
Application	ibm	Collaborative Lifecycle Management	6.0.6.1	All	All	All
Application	ibm	Engineering Lifecycle Management	7.0	All	All	All
Application	ibm	Engineering Lifecycle Management	7.0.1	All	All	All
Application	ibm	Engineering Lifecycle Management	7.0.2	All	All	All
Application	ibm	Engineering Lifecycle Optimization - Engineering Insights	7.0	All	All	All
Application	ibm	Engineering Lifecycle Optimization - Engineering Insights	7.0.1	All	All	All
Application	ibm	Engineering Lifecycle Optimization - Engineering Insights	7.0.2	All	All	All
Application	ibm	Engineering Lifecycle Optimization - Publishing	7.0	All	All	All
Application	ibm	Engineering Lifecycle Optimization - Publishing	7.0.1	All	All	All
Application	ibm	Engineering Lifecycle Optimization - Publishing	7.0.2	All	All	All
Application	ibm	Engineering Test Management	7.0.0	All	All	All
Application	ibm	Engineering Test Management	7.0.1	All	All	All
Application	ibm	Rational Doors Next Generation	6.0.6	All	All	All
Application	ibm	Rational Doors Next Generation	6.0.6.1	All	All	All
Application	ibm	Rational Doors Next Generation	7.0	All	All	All
Application	ibm	Rational Doors Next Generation	7.0.1	All	All	All
Application	ibm	Rational Doors Next Generation	7.0.2	All	All	All
Application	ibm	Rational Engineering Lifecycle Manager	6.0.6	All	All	All
Application	ibm	Rational Engineering Lifecycle Manager	6.0.6.1	All	All	All
Application	ibm	Rational Quality Manager	6.0.6	All	All	All
Application	ibm	Rational Quality Manager	6.0.6.1	All	All	All
Application	ibm	Removable Media Manager	6.0.6	All	All	All
Application	ibm	Removable Media Manager	6.0.6.1	All	All	All

Application	ibm	Removable Media Manager	6.0.6.1	All	All	All
Application	ibm	Removable Media Manager	7.0	All	All	All
cpe:2.3:a:ibm:collaborative_lifecycle_management:6.0.6:~::~~::~~::~~::~~::~~:::						
cpe:2.3:a:ibm:collaborative_lifecycle_management:6.0.6.1:~::~~::~~::~~::~~::~~:::						
cpe:2.3:a:ibm:engineering_lifecycle_management:7.0:~::~~::~~::~~::~~::~~:::						
cpe:2.3:a:ibm:engineering_lifecycle_management:7.0.1:~::~~::~~::~~::~~::~~:::						
cpe:2.3:a:ibm:engineering_lifecycle_management:7.0.2:~::~~::~~::~~::~~::~~:::						
cpe:2.3:a:ibm:engineering_lifecycle_optimization_-_engineering_insights:7.0:~::~~::~~::~~::~~::~~:::						
cpe:2.3:a:ibm:engineering_lifecycle_optimization_-_engineering_insights:7.0.1:~::~~::~~::~~::~~::~~:::						
cpe:2.3:a:ibm:engineering_lifecycle_optimization_-_engineering_insights:7.0.2:~::~~::~~::~~::~~::~~:::						
cpe:2.3:a:ibm:engineering_lifecycle_optimization_-_publishing:7.0:~::~~::~~::~~::~~::~~:::						
cpe:2.3:a:ibm:engineering_lifecycle_optimization_-_publishing:7.0.1:~::~~::~~::~~::~~::~~:::						
cpe:2.3:a:ibm:engineering_lifecycle_optimization_-_publishing:7.0.2:~::~~::~~::~~::~~::~~:::						
cpe:2.3:a:ibm:engineering_test_management:7.0.0:~::~~::~~::~~::~~::~~:::						
cpe:2.3:a:ibm:engineering_test_management:7.0.1:~::~~::~~::~~::~~::~~:::						
cpe:2.3:a:ibm:rational_doors_next_generation:6.0.6:~::~~::~~::~~::~~::~~:::						
cpe:2.3:a:ibm:rational_doors_next_generation:6.0.6.1:~::~~::~~::~~::~~::~~:::						
cpe:2.3:a:ibm:rational_doors_next_generation:7.0:~::~~::~~::~~::~~::~~:::						
cpe:2.3:a:ibm:rational_doors_next_generation:7.0.1:~::~~::~~::~~::~~::~~:::						
cpe:2.3:a:ibm:rational_doors_next_generation:7.0.2:~::~~::~~::~~::~~::~~:::						
cpe:2.3:a:ibm:rational_engineering_lifecycle_manager:6.0.6:~::~~::~~::~~::~~::~~:::						
cpe:2.3:a:ibm:rational_engineering_lifecycle_manager:6.0.6.1:~::~~::~~::~~::~~::~~:::						
cpe:2.3:a:ibm:rational_quality_manager:6.0.6:~::~~::~~::~~::~~::~~:::						
cpe:2.3:a:ibm:rational_quality_manager:6.0.6.1:~::~~::~~::~~::~~::~~:::						
cpe:2.3:a:ibm:removable_media_manager:6.0.6:~::~~::~~::~~::~~::~~:::						
cpe:2.3:a:ibm:removable_media_manager:6.0.6.1:~::~~::~~::~~::~~::~~:::						
cpe:2.3:a:ibm:removable_media_manager:7.0:~::~~::~~::~~::~~::~~:::						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVereport	CVE-2020-4977 : #IBM Engineering Lifecycle Optimization - Publishing is vulnerable to stored cross-site scripting.... twitter.com/i/web/status/1...	2021-06-02 20:44:39
 /r/netcve	CVE-2020-4977	2021-06-02 21:41:12

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