CVE-2020-4685

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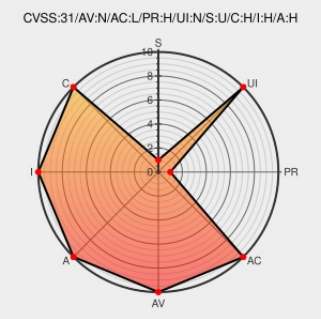
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Cognos Controller from Ibm contain the following vulnerability:

A low level user of IBM Cognos Controller 10.3.0, 10.3.1, 10.4.0, 10.4.1, and 10.4.2 who has Administration rights to the server where the application is installed, can escalate their privilege from Low level to Super Admin and gain access to Create/Update/Delete any level of user in Cognos Controller. IBM X-Force ID: 186625.

CVE-2020-4685 has been assigned by psirt@us.ibm.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **IBM** - **Cognos Controller** version **10.3.1**

Affected Vendor/Software: **IBM** - **Cognos Controller** version **10.3.0**

Affected Vendor/Software: **IBM** - **Cognos Controller** version **10.4.0**

Affected Vendor/Software: **IBM** - **Cognos Controller** version **10.4.1**

Affected Vendor/Software: **IBM** - **Cognos Controller** version **10.4.2**

CVSS3 Score: 7.2 - HIGH

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

CVSS2 Score: 6.5 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	SINGLE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**

Impact	Impact	Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
IBM X-Force Exchange	VDB Entry Vendor Advisory exchange.xforce.ibmcloud.com text/html	XF ibm-cognos-cve20204685-priv-escalation (186625)
Security Bulletin: IBM Cognos Controller is vulnerable to privilege escalation (CVE-2020-4685)	Patch Vendor Advisory www.ibm.com text/html	CONFIRM www.ibm.com/support/pages/node/6339995

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 Controller	10.3.0	All	All	All
Application	Ibm	Cognos Controller	10.3.1	All	All	All
Application	Ibm	Cognos Controller	10.4.0	All	All	All
Application	Ibm	Cognos Controller	10.4.1	All	All	All
Application	Ibm	Cognos Controller	10.4.2	All	All	All
Application	Ibm	Cognos Controller	10.3.0	All	All	All
Application	Ibm	Cognos Controller	10.3.1	All	All	All
Application	Ibm	Cognos Controller	10.4.0	All	All	All
Application	Ibm	Cognos Controller	10.4.1	All	All	All
Application	Ibm	Cognos Controller	10.4.2	All	All	All

cpe:2.3:a:ibm:cognos_controller:10.3.0:*:*:*:*:*:*:*:

cpe:2.3:a:ibm:cognos_controller:10.3.1:*:*:*:*:*:*:*:

cpe:2.3:a:ibm:cognos_controller:10.4.0:*:*:*:*:*:*:*:

cpe:2.3:a:ibm:cognos_controller:10.4.1:*:*:*:*:*:*:*:

cpe:2.3:a:ibm:cognos_controller:10.4.2:*:*:*:*:*:*:*:

cpe:2.3:a:ibm:cognos_controller:10.3.0:*:*:*:*:*:*:*:

cpe:2.3:a:ibm:cognos_controller:10.3.1:*:*:*:*:*:*:*:

cpe:2.3:a:ibm:cognos_controller:10.4.0:*:*:*:*:*:*:*:

cpe:2.3:a:ibm:cognos_controller:10.4.1:*:*:*:*:*:*:*:

cpe:2.3:a:ibm:cognos_controller:10.4.2:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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