CVE-2019-4173

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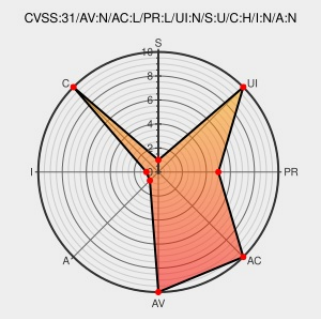

Certain versions of Cognos Controller from Ibm contain the following vulnerability:

IBM Cognos Controller 10.2.0, 10.2.1, 10.3.0, 10.3.1, and 10.4.0 could allow a remote attacker to obtain sensitive information, caused by a flaw in the HTTP OPTIONS method, aka Optionsbleed. By sending an OPTIONS HTTP request, a remote attacker could exploit this vulnerability to read secret data from process memory and obtain sensitive information. IBM X-Force ID: 158878.

CVE-2019-4173 has been assigned by psirt@us.ibm.com to track the vulnerability - currently rated as MEDIUM severity.

Affected Vendor/Software: **IBM** - **Cognos Controller** version **10.2.1**

Affected Vendor/Software: **IBM** - **Cognos Controller** version **10.2.0**

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**

CVSS3 Score: 6.5 - MEDIUM

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

CVSS2 Score: 4 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	SINGLE

Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	NONE	NONE

CVE References

Description	Tags	Link
IBM X-Force Exchange	VDB Entry Vendor Advisory exchange.xforce.ibmcloud.com text/html	XF ibm-cognos-cve20194173-info-disc (158878)
Security Bulletin: IBM Cognos Controller 2019Q2 Security Updater: Multiple vulnerabilities have been identified in IBM Cognos Controller	Patch Vendor Advisory www.ibm.com text/html	CONFIRM www.ibm.com/support/docview.wss?uid=ibm10886913

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	10.2.0	All	All	All
Application	Ibm	Cognos Controller	10.2.1	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	10.2.0	All	All	All
Application	Ibm	Cognos Controller	10.2.1	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

cpe:2.3:a:ibm:cognos_controller:10.2.0:*:*:*:*:*:*:*:

cpe:2.3:a:ibm:cognos_controller:10.2.1:*:*:*:*:*:*:*:

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:10.2.0:*:*:*:*:*:*:*:

cpe:2.3:a:ibm:cognos_controller:10.2.1:*:*:*:*:*:*:*

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:*:*:*:*:*:*:*

No vendor comments have been submitted for this CVE

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