



# CVE-2019-4171

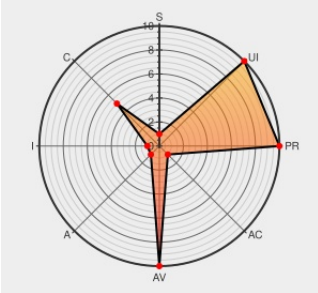
Published on: 09/17/2019 12:00:00 AM UTC

Last Modified on: 12/09/2022 06:58:00 PM UTC

## CVE-2019-4171

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

CVSS:31/AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A:N



Certain versions of **Cognos Controller** from **IBM** contain the following vulnerability:

IBM Cognos Controller 10.3.0, 10.3.1, 10.4.0, and 10.4.1 does not set the secure attribute on authorization tokens or session cookies. This could allow an attacker to obtain sensitive information using man in the middle techniques. IBM X-Force ID: 158876.

CVE-2019-4171 has been assigned by [psirt@us.ibm.com](#) to track the vulnerability - currently rated as **LOW** 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**

CVSS3 Score: **3.7 - LOW**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>NETWORK</b>   | <b>HIGH</b>            | <b>NONE</b>         | <b>NONE</b>         |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>LOW</b>             | <b>NONE</b>         | <b>NONE</b>         |

CVSS2 Score: **4.3 - MEDIUM**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>MEDIUM</b>     | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>PARTIAL</b>         | <b>NONE</b>       | <b>NONE</b>         |

## CVE References

| Description                                                                | Tags                                                                                                                                                                         | Link                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Security Bulletin: Security Vulnerabilities exist in IBM Cognos Controller | <a href="#">Patch</a><br><a href="#">Vendor Advisory</a><br><a href="#">www.ibm.com</a><br><a href="#">text/html</a>                                                         |  <a href="https://www.ibm.com/support/pages/security-bulletin-security-vulnerabilities-exist-ibm-cognos-controller">CONFIRM www.ibm.com/support/pages/security-bulletin-security-vulnerabilities-exist-ibm-cognos-controller</a> |
| IBM X-Force Exchange                                                       | <a href="#">VDB Entry</a><br><a href="#">Vendor Advisory</a><br><a href="https://exchange.xforce.ibmcloud.com">exchange.xforce.ibmcloud.com</a><br><a href="#">text/html</a> |  <a href="#">XF ibm-cognos-cve20194171-info-disc (158876)</a>                                                                                                                                                                    |

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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 | <a href="#">ibm</a> | <a href="#">Cognos Controller</a> | 10.3.0  | All    | All     | All      |
| Application | <a href="#">ibm</a> | <a href="#">Cognos Controller</a> | 10.3.1  | All    | All     | All      |
| Application | <a href="#">ibm</a> | <a href="#">Cognos Controller</a> | 10.4.0  | All    | All     | All      |
| Application | <a href="#">ibm</a> | <a href="#">Cognos Controller</a> | 10.4.1  | All    | All     | All      |
| Application | <a href="#">ibm</a> | <a href="#">Cognos Controller</a> | 10.3.0  | All    | All     | All      |
| Application | <a href="#">ibm</a> | <a href="#">Cognos Controller</a> | 10.3.1  | All    | All     | All      |
| Application | <a href="#">ibm</a> | <a href="#">Cognos Controller</a> | 10.4.0  | All    | All     | All      |
| Application | <a href="#">ibm</a> | <a href="#">Cognos Controller</a> | 10.4.1  | 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:10.3.0:\*:\*:\*:\*:\*:

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:\*:\*:\*:\*:\*:

No vendor comments have been submitted for this CVE

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