

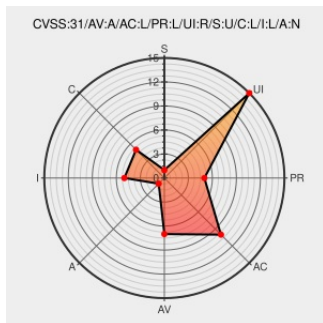


# CVE-2020-4640

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## CVE-2020-4640

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

Certain versions of [Api Connect](#) from [Ibm](#) contain the following vulnerability:

Certain IBM API Connect 10.0.0.0 through 10.0.1.0 and 2018.4.1.0 through 2018.4.1.13 configurations can result in sensitive information in the URL fragment identifiers. This information can be cached in the intermediate nodes like proxy servers, cdn, logging platforms, etc. An attacker can make use of this information to perform attacks by impersonating a user. IBM X-Force ID: 185510.

CVE-2020-4640 has been assigned by [psirt@us.ibm.com](#) to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: [IBM](#) - **API Connect** version **2018.4.1.0**

Affected Vendor/Software: [IBM](#) - **API Connect** version **2018.4.1.13**

Affected Vendor/Software: [IBM](#) - **API Connect** version **10.0.0.0**

Affected Vendor/Software: [IBM](#) - **API Connect** version **10.0.1.0**

CVSS3 Score: **4.1 - MEDIUM**

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

CVSS2 Score: **3.8 - LOW**

| Access Vector           | Access Complexity | Authentication      |
|-------------------------|-------------------|---------------------|
| <b>ADJACENT_NETWORK</b> | <b>MEDIUM</b>     | <b>SINGLE</b>       |
| Confidentiality Impact  | Integrity Impact  | Availability Impact |
|                         |                   |                     |

PARTIAL

PARTIAL

NONE

## CVE References

| Description                                                                                    | Tags                                                                                                                                      | Link                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IBM X-Force Exchange                                                                           | <a href="#">VDB Entry</a><br><a href="#">Vendor Advisory</a><br><a href="#">exchange.xforce.ibmcloud.com</a><br><a href="#">text/html</a> |  <a href="#">XF ibm-api-cve20204640-info-disc (185510)</a>                         |
| Security Bulletin: IBM API Connect is vulnerable to sensitive information leak (CVE-2020-4640) | <a href="#">Vendor Advisory</a><br><a href="#">www.ibm.com</a><br><a href="#">text/html</a>                                               |  <a href="#">CONFIRM</a><br><a href="#">www.ibm.com/support/pages/node/6410486</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="#">Api Connect</a> | 10.0.0.0 | All    | All     | All      |
| Application | <a href="#">Ibm</a> | <a href="#">Api Connect</a> | 10.0.1.0 | All    | All     | All      |
| Application | <a href="#">Ibm</a> | <a href="#">Api Connect</a> | 10.0.0.0 | All    | All     | All      |
| Application | <a href="#">Ibm</a> | <a href="#">Api Connect</a> | 10.0.1.0 | All    | All     | All      |
| Application | <a href="#">Ibm</a> | <a href="#">Api Connect</a> | All      | All    | All     | All      |

[cpe:2.3:a:ibm:api\\_connect:10.0.0.0:\\*\\*\\*\\*:\\*:\\*:](#)

[cpe:2.3:a:ibm:api\\_connect:10.0.1.0:\\*\\*\\*\\*:\\*:\\*:](#)

[cpe:2.3:a:ibm:api\\_connect:10.0.0.0:\\*\\*\\*\\*:\\*:\\*:](#)

[cpe:2.3:a:ibm:api\\_connect:10.0.1.0:\\*\\*\\*\\*:\\*:\\*:](#)

[cpe:2.3:a:ibm:api\\_connect:\\*\\*\\*\\*:\\*:\\*:](#)

No vendor comments have been submitted for this CVE

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