# CVE-2021-20538

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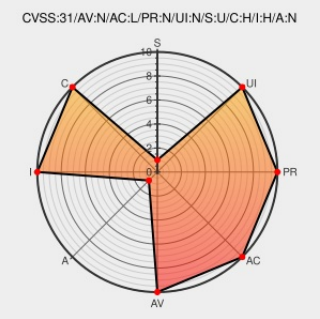
## CVE-2021-20538

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




Certain versions of Cloud Pak For Security from Ibm contain the following vulnerability:

IBM Cloud Pak for Security (CP4S) 1.5.0.0 and 1.5.0.1 could allow a user to obtain sensitive information or perform actions they should not have access to due to incorrect authorization mechanisms. IBM X-Force ID: 198919.

CVE-2021-20538 has been assigned by psirt@us.ibm.com to track the vulnerability - currently rated as CRITICAL severity.

Affected Vendor/Software: **IBM** - **Cloud Pak for Security** version **1.5.0.1**

Affected Vendor/Software: **IBM** - **Cloud Pak for Security** version **1.5.0.0**

### CVSS3 Score: 9.1 - CRITICAL

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

### CVSS2 Score: 6.4 - MEDIUM

| Access Vector | Access Complexity | Authentication |
|---|---|---|
| NETWORK | LOW | NONE |
| **Confidentiality Impact** | **Integrity Impact** | **Availability Impact** |
| PARTIAL | PARTIAL | NONE |

### CVE References

| Description | Tags | Link |
|---|---|---|

| | | |
|---|---|---|
| IBM X-Force Exchange | exchange.xforce.ibmcloud.com text/html | XF ibm-cp4s-cve202120538-incorrect-auth (198919) |
| Security Bulletin: IBM Cloud Pak for Security is vulnerable to CVE-2021-20538 and CVE-2021-20577 | www.ibm.com text/html | CONFIRM www.ibm.com/support/pages/node/6450849 |

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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 | Ibm | Cloud Pak For Security | 1.5.0.0 | All | All | All |
| Application | Ibm | Cloud Pak For Security | 1.5.0.1 | All | All | All |

cpe:2.3:a:ibm:cloud_pak_for_security:1.5.0.0:*:*:*:*:*:*:*

cpe:2.3:a:ibm:cloud_pak_for_security:1.5.0.1:*:*:*:*:*:*:*

No vendor comments have been submitted for this CVE

## Social Mentions

| Source | Title | Posted (UTC) |
|---|---|---|
| @CVEreport | CVE-2021-20538 : #IBM Cloud Pak for Security CP4S 1.5.0.0 and 1.5.0.1 could allow a user to obtain sensitive inf… twitter.com/i/web/status/1… | 2021-05-10 16:24:11 |
| /r/netcve | CVE-2021-20538 | 2021-05-10 16:41:48 |

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