



# CVE-2020-4343

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## CVE-2020-4343

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

Certain versions of [i2 Analysts Notebook](#) from [Ibm](#) contain the following vulnerability:

IBM i2 Intelligent Analysis Platform 9.2.1 could allow a remote attacker to execute arbitrary code on the system, caused by a memory corruption. By persuading a victim to open a specially crafted file, a remote attacker could exploit this vulnerability to execute arbitrary code on the system or cause the application to crash. IBM X-Force ID:

178244.

CVE-2020-4343 has been assigned by [psirt@us.ibm.com](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [IBM](#) - **i2 Analysts Notebook** version **9.2.1**

CVSS3 Score: **7.8 - HIGH**

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

CVSS2 Score: **9.3 - HIGH**

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

## CVE References

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

IBM X-Force Exchange

VDB Entry

Vendor Advisory

exchange.xforce.ibmcloud.com

text/html

XF ibm-i2-cve20204343-code-exec (178244)

Security Bulletin: Multiple memory corruption vulnerabilities in IBM i2 Analyst's Notebook and IBM i2 Analyst's Notebook Premium

Vendor Advisory

www.ibm.com

text/html

CONFIRM

www.ibm.com/support/pages/node/6209081

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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       | I2 Analysts Notebook | 9.2.1   | All    | All     | All      |
| Application                                                 | ibm       | I2 Analysts Notebook | 9.2.1   | All    | All     | All      |
| Application                                                 | ibm       | I2 Analysts Notebook | 9.2.1   | All    | All     | All      |
| Application                                                 | ibm       | I2 Analysts Notebook | 9.2.1   | All    | All     | All      |
| Operating System                                            | Microsoft | Windows              | -       | All    | All     | All      |
| Operating System                                            | Microsoft | Windows              | -       | All    | All     | All      |
| cpe:2.3:a:ibm:i2_analysts_notebook:9.2.1:*:*:*:*:*:         |           |                      |         |        |         |          |
| cpe:2.3:a:ibm:i2_analysts_notebook:9.2.1:*:*:*:premium:*:*: |           |                      |         |        |         |          |
| cpe:2.3:a:ibm:i2_analysts_notebook:9.2.1:*:*:*:*:*:         |           |                      |         |        |         |          |
| cpe:2.3:a:ibm:i2_analysts_notebook:9.2.1:*:*:*:premium:*:*: |           |                      |         |        |         |          |
| cpe:2.3:o:microsoft:windows:-:*:*:*:*:*:                    |           |                      |         |        |         |          |
| cpe:2.3:o:microsoft:windows:-:*:*:*:*:*:                    |           |                      |         |        |         |          |

No vendor comments have been submitted for this CVE

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