



# CVE-2020-4551

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## CVE-2020-4551

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

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

IBM i2 Analyst Notebook 9.2.1 and 9.2.2 could allow a local attacker to execute arbitrary code on the system, caused by a memory corruption. By persuading a victim to open a specially-crafted file, an attacker could exploit this vulnerability to execute arbitrary code on the system. IBM X-Force ID: 183319.

CVE-2020-4551 has been assigned by [psirt@us.ibm.com](#) to track the vulnerability - currently rated as **HIGH** severity.

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

Affected Vendor/Software: [IBM](#) - **i2 Analyst Notebook** version **9.2.2**

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: **6.9 - MEDIUM**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>LOCAL</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 | Taas | 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-i2-cve20204551-bo (183319)</a>                                 |
| Security Bulletin: IBM i2 Analysts' Notebook and IBM i2 Analysts' Notebook Premium Memory vulnerabilities | <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/6254694</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="#">I2 Analysts Notebook</a> | 9.2.1   | All    | All     | All      |
| Application                                                                 | <a href="#">ibm</a> | <a href="#">I2 Analysts Notebook</a> | 9.2.1   | All    | All     | All      |
| Application                                                                 | <a href="#">ibm</a> | <a href="#">I2 Analysts Notebook</a> | 9.2.2   | All    | All     | All      |
| Application                                                                 | <a href="#">ibm</a> | <a href="#">I2 Analysts Notebook</a> | 9.2.2   | All    | All     | All      |
| Application                                                                 | <a href="#">ibm</a> | <a href="#">I2 Analysts Notebook</a> | 9.2.1   | All    | All     | All      |
| Application                                                                 | <a href="#">ibm</a> | <a href="#">I2 Analysts Notebook</a> | 9.2.1   | All    | All     | All      |
| Application                                                                 | <a href="#">ibm</a> | <a href="#">I2 Analysts Notebook</a> | 9.2.2   | All    | All     | All      |
| Application                                                                 | <a href="#">ibm</a> | <a href="#">I2 Analysts Notebook</a> | 9.2.2   | All    | All     | All      |
| <a href="#">cpe:2.3:a:ibm:i2_analysts_notebook:9.2.1:*:*:*:*:*:</a>         |                     |                                      |         |        |         |          |
| <a href="#">cpe:2.3:a:ibm:i2_analysts_notebook:9.2.1:*:*:*:premium:*:*:</a> |                     |                                      |         |        |         |          |
| <a href="#">cpe:2.3:a:ibm:i2_analysts_notebook:9.2.2:*:*:*:*:*:</a>         |                     |                                      |         |        |         |          |
| <a href="#">cpe:2.3:a:ibm:i2_analysts_notebook:9.2.2:*:*:*:premium:*:*:</a> |                     |                                      |         |        |         |          |
| <a href="#">cpe:2.3:a:ibm:i2_analysts_notebook:9.2.1:*:*:*:*:*:</a>         |                     |                                      |         |        |         |          |
| <a href="#">cpe:2.3:a:ibm:i2_analysts_notebook:9.2.1:*:*:*:premium:*:*:</a> |                     |                                      |         |        |         |          |
| <a href="#">cpe:2.3:a:ibm:i2_analysts_notebook:9.2.2:*:*:*:*:*:</a>         |                     |                                      |         |        |         |          |
| <a href="#">cpe:2.3:a:ibm:i2_analysts_notebook:9.2.2:*:*:*:premium:*:*:</a> |                     |                                      |         |        |         |          |

No vendor comments have been submitted for this CVE

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