



# CVE-2021-20511

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## CVE-2021-20511

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF

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



Certain versions of [Docker](#) from [Docker](#) contain the following vulnerability:

IBM Security Verify Access Docker 10.0.0 could allow a remote attacker to traverse directories on the system. An attacker could send a specially-crafted URL request containing "dot dot" sequences (../) to view arbitrary files on the system. IBM X-Force ID: 198300.

CVE-2021-20511 has been assigned by [psirt@us.ibm.com](#) to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: [IBM](#) - **Security Verify Access Docker** version **10.0.0**

CVSS3 Score: **4.9 - MEDIUM**

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

CVSS2 Score: **6.8 - MEDIUM**

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

## CVE References

| Description                                                                                                             | Tags                                                     | Link                                                                              |
|-------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------------------------|
| Security Bulletin: Multiple Security vulnerabilities have been fixed in the IBM Security Verify Access Docker container | <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/6471895</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="#">Docker</a> | <a href="#">Docker</a>                 | -       | All    | All     | All      |
| Application                                            | <a href="#">Docker</a> | <a href="#">Docker</a>                 | -       | All    | All     | All      |
| Application                                            | <a href="#">Ibm</a>    | <a href="#">Security Verify Access</a> | 10.0.0  | All    | All     | All      |
| cpe:2.3:a:docker:docker:-:*:*:*:*:*:                   |                        |                                        |         |        |         |          |
| cpe:2.3:a:docker:docker:-:*:*:*:*:*:                   |                        |                                        |         |        |         |          |
| cpe:2.3:a:ibm:security_verify_access:10.0.0:*:*:*:*:*: |                        |                                        |         |        |         |          |

No vendor comments have been submitted for this CVE

#### Social Mentions

| Source                                                                                        | Title                                                                                                                                                                                                   | Posted (UTC)           |
|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
|  @CVEreport | CVE-2021-20511 : #IBM Security Verify Access Docker 10.0.0 could allow a remote attacker to traverse directories o... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a> | 2021-07-15<br>17:23:41 |
|  /r/netcve  | <a href="#">CVE-2021-20511</a>                                                                                                                                                                          | 2021-07-15<br>17:41:15 |

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