



CVE-2021-38971

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[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 [Data Virtualization On Cloud Pak For Data](#) from [Ibm](#) contain the following vulnerability:

IBM Data Virtualization on Cloud Pak for Data 1.3.0, 1.4.1, 1.5.0, 1.7.1 and 1.7.3 could allow an authorized user to bypass data masking rules and obtain sensitive information. IBM X-Force ID: 212620.

CVE-2021-38971 has been assigned by [psirt@us.ibm.com](#) to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: [IBM](#) - **Data Virtualization on Cloud Pak for Data** version **1.3.0**

Affected Vendor/Software: [IBM](#) - **Data Virtualization on Cloud Pak for Data** version **1.5.0**

Affected Vendor/Software: [IBM](#) - **Data Virtualization on Cloud Pak for Data** version **1.7.1**

Affected Vendor/Software: [IBM](#) - **Data Virtualization on Cloud Pak for Data** version **1.7.3**

Affected Vendor/Software: [IBM](#) - **Data Virtualization on Cloud Pak for Data** version **1.4.1**

CVSS3 Score: **4.9 - MEDIUM**

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

CVSS2 Score: **4 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	SINGLE
Confidentiality Impact	Integrity Impact	Availability Impact

CVE References

Description	Tags	Link
Security Bulletin: Data masking rules are not enforced when CREATE TABLE AS SELECT statement is executed in IBM Data Virtualization on Cloud Pak for Data	www.ibm.com text/html	 CONFIRM www.ibm.com/support/pages/node/6551076
IBM X-Force Exchange	exchange.xforce.ibmcloud.com text/html	 XF ibm-cp-cve202138971-info-disc (212620)

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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	Data Virtualization On Cloud Pak For Data	1.3.0	All	All	All
Application	ibm	Data Virtualization On Cloud Pak For Data	1.4.1	All	All	All
Application	ibm	Data Virtualization On Cloud Pak For Data	1.5.0	All	All	All
Application	ibm	Data Virtualization On Cloud Pak For Data	All	All	All	All
cpe:2.3:a:ibm:data_virtualization_on_cloud_pak_for_data:1.3.0:****:****:						
cpe:2.3:a:ibm:data_virtualization_on_cloud_pak_for_data:1.4.1:****:****:						
cpe:2.3:a:ibm:data_virtualization_on_cloud_pak_for_data:1.5.0:****:****:						
cpe:2.3:a:ibm:data_virtualization_on_cloud_pak_for_data:****:****:****:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-38971 : #IBM Data Virtualization on Cloud Pak for Data 1.3.0, 1.4.1, 1.5.0, 1.7.1 and 1.7.3 could allow an... twitter.com/i/web/status/1...	2022-03-14 17:05:55
 /r/netcve	CVE-2021-38971	2022-03-14 18:38:41

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