

PUBLISH DATA TO THE IBM CLOUD

Date	03 November 2022
Team ID	PNT2022TMID04198
Project Name	Project – IOT Based Real – time River Water Quality Monitoring and Control System
Maximum Marks	4 Marks

You can publish your virtual data to catalogs in Watson™ Knowledge Catalog. An administrator can configure Data Virtualization to automatically publish all virtual objects that are created in the user interface to a configured primary catalog.

By publishing your virtual data to a catalog, you can:

- *Organize, label, classify, and search for the published data assets with global search.
 - *Govern the virtual data asset and subject it to data protection rules by [enabling policy enforcement](#) in Data
 - *Navigate to **Service settings**.
 - *On the **Governance** tab, enable the **Enforce publishing to a governed catalog** option.
- A list of governed catalogs that you have Admin access to is shown. You must select a governed catalog as your primary catalog. When you set a primary catalog, all

Service settings ▾

General **Governance** Scaling settings Scaling history Access >

Enforcement
Turning policy and publishing enforcement on or off will impact where your objects can be published to and whether they will be governed. If you choose to enforce publishing, you must select a governed catalog as the primary catalog.

Enforce policies within Data Virtualization ⓘ ☒ On

Enforce publishing to a governed catalog ☒ On

Select a governed catalog as your primary catalog
All virtual objects will be published to the selected catalog and will be governed through the Watson Knowledge Catalog service. You can choose one of the following governed catalogs that you owned.

🔍 Find catalog by Name, Owner, Description

	Catalog name	Owner	Date created	Description
<input checked="" type="radio"/>	wkc0	IBMid-6610020D12	Jun 11, 2021	
<input type="radio"/>	wkc1	IBMid-6610020D12	Jun 11, 2021	

virtualized objects are published to this catalog automatically. The **Publish to catalog** option is disabled when you review your cart and virtualize tables.

1. On the service menu, click **Virtualization > Virtualized data**.
2. Select the virtual objects that you want to publish and click **Publish to catalog**.

The screenshot shows the IBM Cloud Pak for Data interface. The top navigation bar includes the IBM Cloud Pak for Data logo, a search bar, and user information. The breadcrumb trail indicates the current location: Data Virtualization / cqwww-devstable-0621.

Review cart and virtualize tables

Buttons: Empty cart, Back, Virtualize

Assign to: ☐ Project ☒ My virtualized data

Also publish to: ☒ Publish to catalog

Select a catalog:

- wkc0 (Governed)
- DevCatalog (Not governed)
- TestCatalog (Not governed)
- wkc1 (Governed)

Objects to be virtualized

Table	Schema	Source schema	Grouped tables
CONTEXT	DV_IBM... x v	AUDIT	1
SYSADMIN	DV_IBM... x v	AUDIT	1
VALIDATE	DV_IBM... x v	AUDIT	1

3. Continue with the virtualization process