

## PUBLISH DATA TO THE IBM CLOUD

Date	08 November 2022
Team ID	PNT2022TMID07524
Project Name	Project – Real time River Water Quality Monitoring and Control System
Maximum Marks	4 Marks

Your virtual data can be added to Watson™ Knowledge Catalog catalogues. Data Virtualization can be set up by an administrator to automatically publish every virtual object created in the user interface to a specified primary catalogue.

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

- \* Utilize global search to arrange, categorize, label, and locate the published data assets.

- \* Enable policy enforcement in Data to control the virtual data asset and subject it to data protection regulations.

- \* Go to the Service options page.

- \* Enable the option to "Enforce publishing to a governed catalog" under the Governance tab. You are presented with a list of controlled catalogs to which you have Admin access. A governed catalog must be chosen as your primary catalog. All virtualized objects are automatically published to the primary catalog that you specify. When you examine your cart and virtualize tables, the Publish to catalog option is disabled.

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

### 3. Continue with the virtualization process

**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-6610020012	Jun 11, 2021	
<input type="radio"/> wkc1	IBMId-6610020012	Jun 11, 2021	

**Review cart and virtualize tables**

Empty cart Back Virtualize

Assign to  
☐ Project ☒ My virtualized data

**Objects to be virtualized**

Table	Schema	Source schema
CONTEXT	DV_IBM_ x v	AUDIT
SYSADMIN	DV_IBM_ x v	AUDIT
VALIDATE	DV_IBM_ x v	AUDIT

**Also publish to**  
☒ Publish to catalog

Select a catalog

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

Grouped tables

