

## PUBLISH DATA TO THE IBM CLOUD

Team ID	PNT2022TMID44500
Project Name	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"/>	wkcd	IBMid-6610020012	Jun 11, 2021	
<input type="radio"/>	wkcd1	IBMid-6610020012	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 a user profile. The main content area is titled 'Review cart and virtualize tables'. Below this, there are two tabs: 'Project' and 'My virtualized data'. The 'My virtualized data' tab is selected. A modal window titled 'Also publish to' is open, showing a list of catalogs. The 'Publish to catalog' checkbox is checked. The list of catalogs includes 'wkc0' (Governed), 'DevCatalog' (Not governed), 'TestCatalog' (Not governed), and 'wkc1' (Governed). Below the modal, there is a table titled 'Objects to be virtualized' with columns 'Table', 'Schema', and 'Source schema'. The table lists three objects: 'CONTEXT', 'SYSADMIN', and 'VALIDATE', all with schema 'DV\_IBM...' and source schema 'AUDIT'. To the right of the table, there is a section titled 'Grouped tables' with a table listing 'bludb' and 'db2w-lzldhp.us-sou...'.

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

Table	Schema	Source schema
bludb	db2w-lzldhp.us-sou...	
db2w-lzldhp.us-sou...		

3. Continue with the virtualization process