

PUBLISH DATA TO THE IBM CLOUD

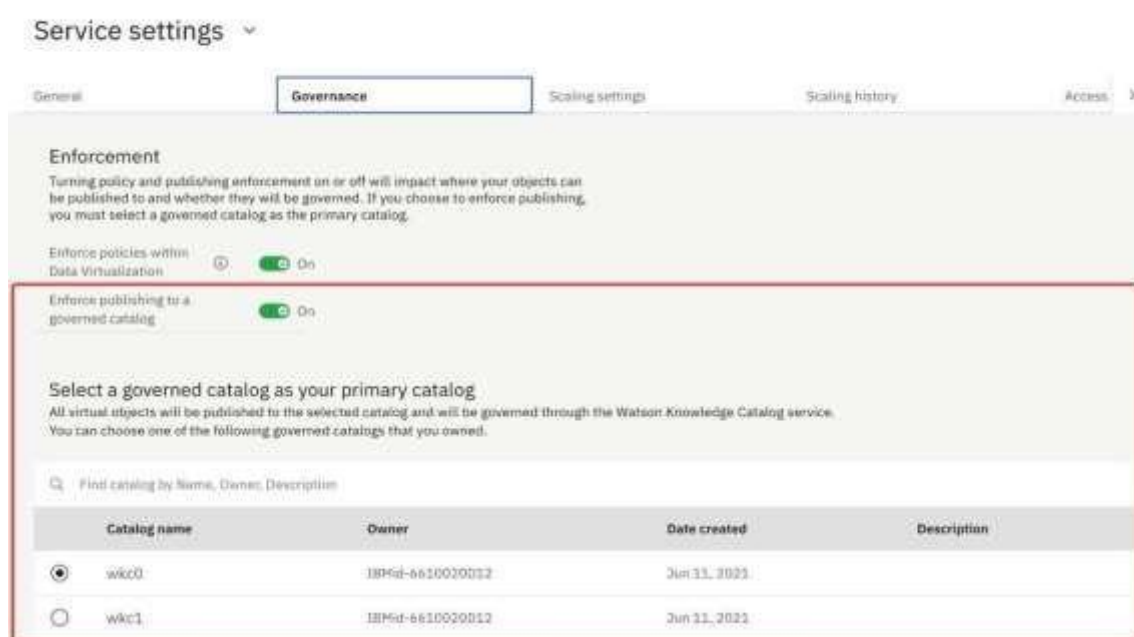
Date	13 November 2022
Team ID	PNT2022TMID19722
Project Name	Real – time River Water Quality Monitoring and Control System
Maximum Marks	4 Marks

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



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 tables: '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 the same three tables, each with a count of 1 and a status of '1'.

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	Count	Status
CONTEXT	DV_IBM_ x v	AUDIT	1	1
SYSADMIN	DV_IBM_ x v	AUDIT	1	1
VALIDATE	DV_IBM_ x v	AUDIT	1	1

3. Continue with the virtualization process