

PUBLISH DATA TO THE IBM CLOUD

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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:

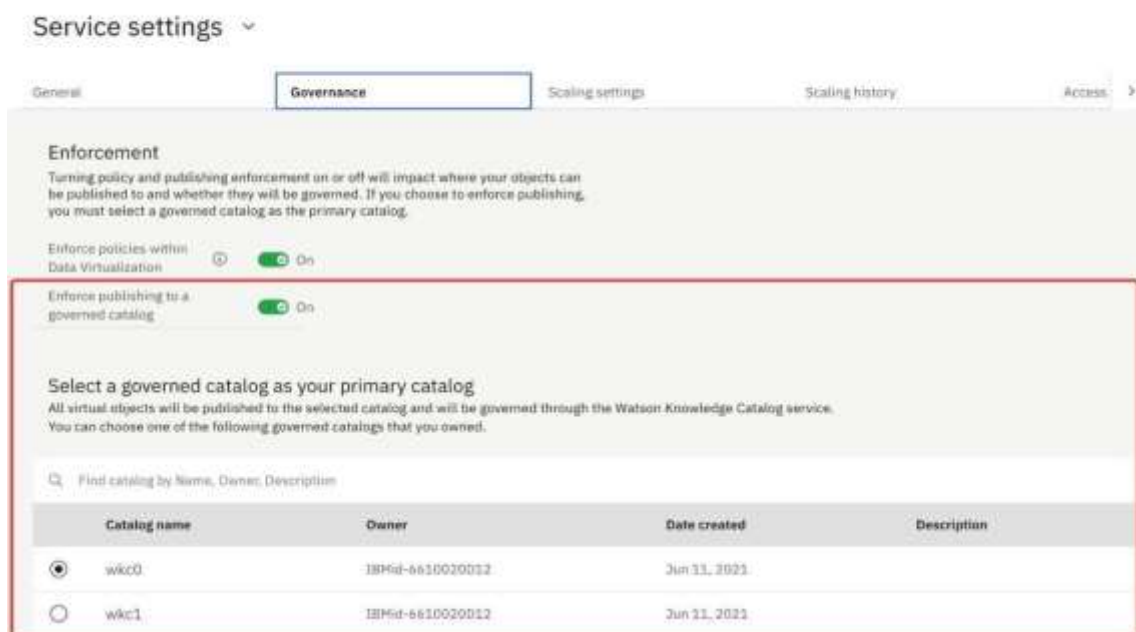
- *Organize, label, classify, and search for the published data assets with global search.

- *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 'Review cart and virtualize tables' interface in IBM Cloud Pak for Data. At the top, there's a navigation bar with 'IBM Cloud Pak for Data', 'All', a search bar, and user information. Below the navigation bar, the page title is 'Data Virtualization / cqwww-devstable-0621'. The main section is titled 'Review cart and virtualize tables' and includes buttons for 'Empty cart', 'Back', and 'Virtualize'. On the left, there's a section 'Assign to' with radio buttons for 'Project' and 'My virtualized data'. The main area is divided into two parts: 'Objects to be virtualized' and 'Also publish to'. The 'Objects to be virtualized' section contains a table with columns 'Table', 'Schema', and 'Source schema'. The 'Also publish to' section has a checkbox for 'Publish to catalog' which is checked, and a dropdown menu for 'Select a catalog'. The dropdown menu shows a list of catalogs: 'wkc0' (Governed), 'DevCatalog' (Not governed), 'TestCatalog' (Not governed), and 'wkc1' (Governed). The 'wkc0' and 'wkc1' catalogs are highlighted with green 'Governed' labels, while 'DevCatalog' and 'TestCatalog' are highlighted with grey 'Not governed' labels. The table below the dropdown lists objects to be virtualized with columns 'Table', 'Schema', 'Source schema', and 'Grouped tables'.

Table	Schema	Source schema	Grouped tables
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