

## PUBLISH DATA TO THE IBM CLOUD

Date	09 November 2022
Team ID	PNT2022TMID42318
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

The screenshot shows the IBM Cloud Catalog service settings page. The top navigation bar includes the IBM Cloud logo, a search bar, and links to Catalog, Manage, and Vinita R's Account. The main content area is titled 'Service settings' and has tabs for General, Governance, Scaling settings, Scaling history, and Access. The Governance tab is selected, showing the 'Enforcement' section. This section includes two toggle switches: 'Enforce policies within Data Virtualization' (set to 'On') and 'Enforce publishing to a governed catalog' (set to 'On'). Below these, a section titled 'Select a governed catalog as your primary catalog' is highlighted with a red box. It contains a search bar and a table of governed catalogs.

Catalog name	Owner	Date created	Description
wkcd	IBMID-6516020D12	Jun 11, 2021	
wkcd	IBMID-6516020D12	Jun 11, 2021	

The bottom of the screenshot shows the Windows taskbar with the Start button, File Explorer, Chrome, and Firefox icons. The system tray on the right indicates the time is 3:56 AM on 11/4/2022.

IBM

IBM-Project-53120-16613144

Publish Data to the IBM CLOUD

WhatsApp

Catalog - IBM Cloud

cloud.ibm.com/catalog#services

IBM Cloud

Search resources and products...

Catalog

Manage

Vinitha R's Account

Data Virtualization / cqwww-devstable-0621

Review cart and virtualize tables

Empty cart

Back

Virtualize

Assign to

Project

My virtualized data

Also publish to

☒ Publish to catalog

Select a catalog

wkc0

Govemed

DevCatalog

Not governed

TestCatalog

Not governed

wkc1

Govemed

Objects to be virtualized

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

Grouped tables

bludb	db2w-lz5dhp.us-sou...
bludb	db2w-lz5dhp.us-sou...

Publish Data to th...pdf

Creation of node-....pdf

Show all

Windows

Chrome

Firefox

3:56 AM

11/4/2022

