

PUBLISH DATA TO THE IBM CLOUD

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|--------------|---|
| Date | 14 November 2022 |
| Team ID | PNT2022TMID06043 |
| Project Name | Project – IOT Based Real – time River Water Quality Monitoring and Control System |

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 enforcement 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

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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-6610020D12 | Jun 11, 2021 | |
| <input type="radio"/> wkc1 | IBMId-6610020D12 | 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.

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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 | Governed |
| DevCatalog | Not governed |
| TestCatalog | Not governed |
| wkc1 | Governed |

Objects to be virtualized

| Table | Schema | Source schema | Grouped tables |
|----------|---------------|---------------|----------------|
| CONTEXT | DV_IBM... x v | AUDIT | 1 |
| SYSADMIN | DV_IBM... x v | AUDIT | 1 |
| VALIDATE | DV_IBM... x v | AUDIT | 1 |

3. Continue with the virtualization process