

Technical preview for OMRS integration between IBM® Cloud Private for Data and IBM® InfoSphere Information Server

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1. Overview

You can synchronize metadata assets between two open metadata compliant systems by using Open Metadata Repository Services (OMRS). For example, you can synchronize assets between IBM InfoSphere Information Server and IBM Cloud Private for Data installations. You can also synchronize two instances of IBM Cloud Private for Data. The synchronization is possible thanks to the OMRS cohort, which is a group of connected OMRS servers. You must set up the integration only once. From this moment, synchronization is automatic.

You can synchronize the following asset types:

- Host systems
- Databases
- Database schemas
- Database tables (with columns)
- Data files (without columns)
- Data file folders
- Glossary terms
- Glossary categories

2. Setting up OMRS integration

Prerequisites

Before you automatically set up OMRS integration, install the following software:

- [Python2](#), version 2.7.5 or later
- [Kubernetes](#), V1

Procedure

To automatically set up OMRS integration, complete the following steps:

1. Install pip to install the Kubernetes package. Run the following commands:

```
curl https://bootstrap.pypa.io/get-pip.py -o get-pip.py
python get-pip.py [--user]
pip install kubernetes
```
2. Contact IBM support to get the latest version of the integration tool.
3. Run the tool by using the following command:

```
python init_icp4d_omag_k8api_version.py
```

Provide the following details when prompted:

Please enter host address of the master: <MASTER_IP>

Please enter cohort host address to be joined: <COHORT_IP>

Please enter cohort port to be joined: <COHORT_PORT>

The tool adds IBM Cloud Private for Data cluster to the OMRS cohort. When the process is finished, the synchronization is started automatically.