

OA4ERP Database Connection and Template Installation on IBM Cloud Pak

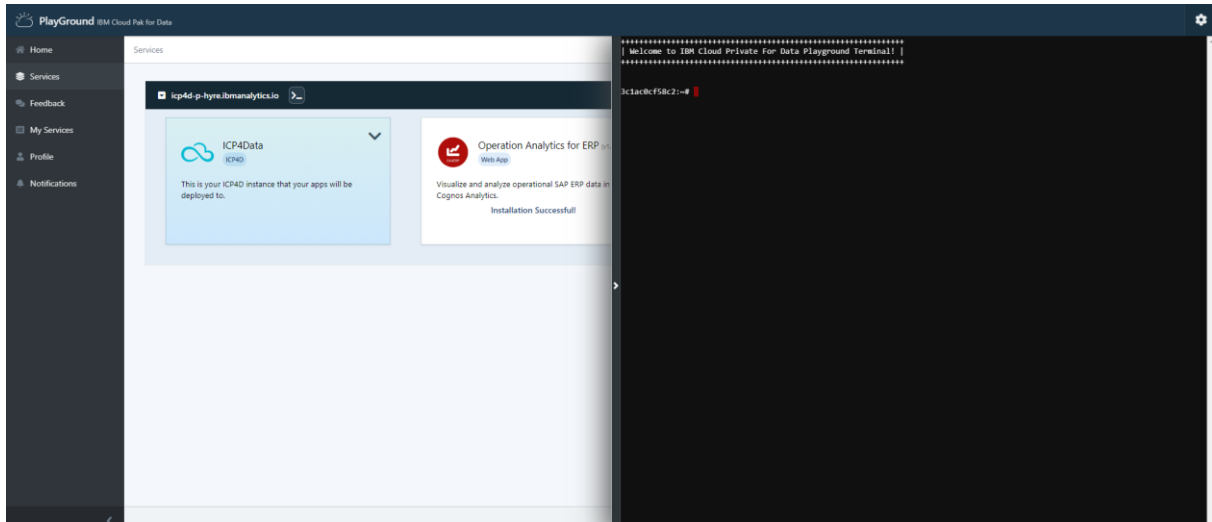
Inhalt

- Installation on IBM Cloud Pak 2
- Cognos Analytics Administration..... 3
 - Import Deployment 4
 - Create Connection..... 6
 - Finish 7

Installation on IBM Cloud Pak

Open URL to your IBM Cloud Pak environment (use Chrome) and Login

In the left menu navigate to “Services” and launch the Terminal “>_”



Enter following commands in the terminal to install the needed files.

Download the oa4erp.sh script

```
wget https://reporting.rsm-consult.de/icp4d/oa4erp.sh
```

Change mode to be executable

```
chmod 755 *.sh
```

Execute the script

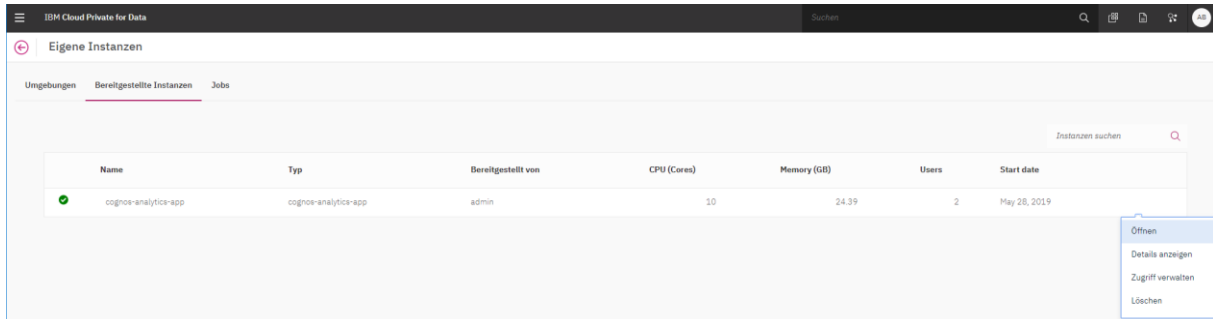
```
./oa4erp.sh
```

The script will get the latest version of the OA4ERP package and transfer it to the deployments folder on the pod which is currently running the Cognos Contentstore service.

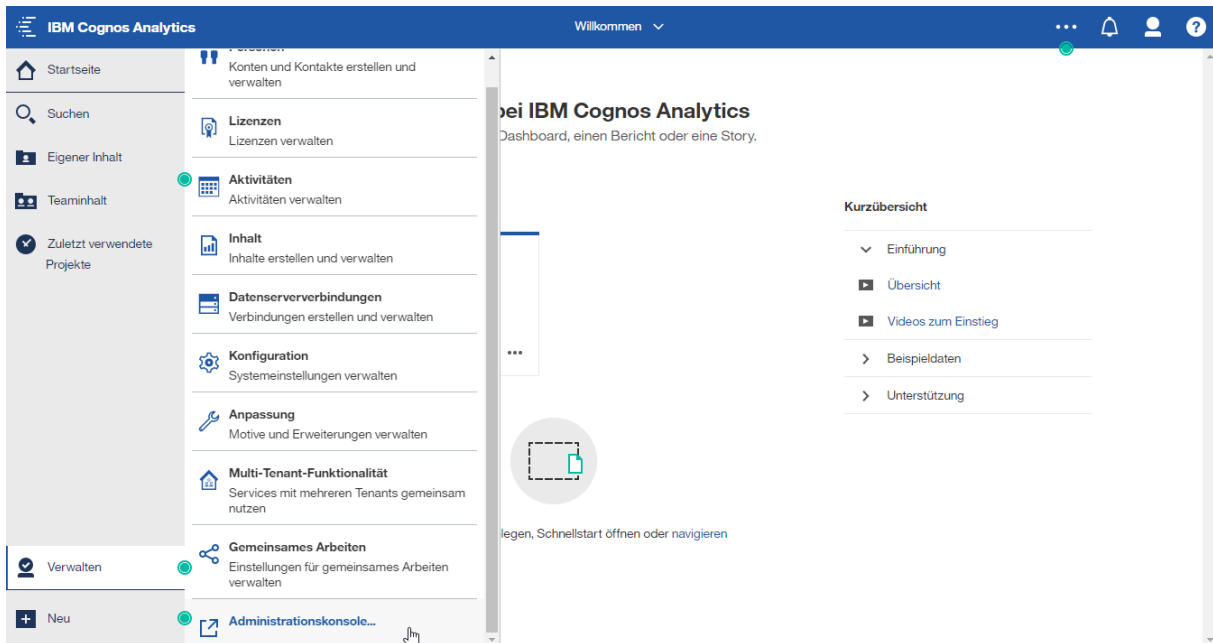
Cognos Analytics Administration

Click on “Launch” from the dropdown of the “ICP4Data” tile within \Services.

This will open your “IBM Cloud Private for Data” homepage. Navigate to your “Instances” and open the “cognos-analytics-app” :



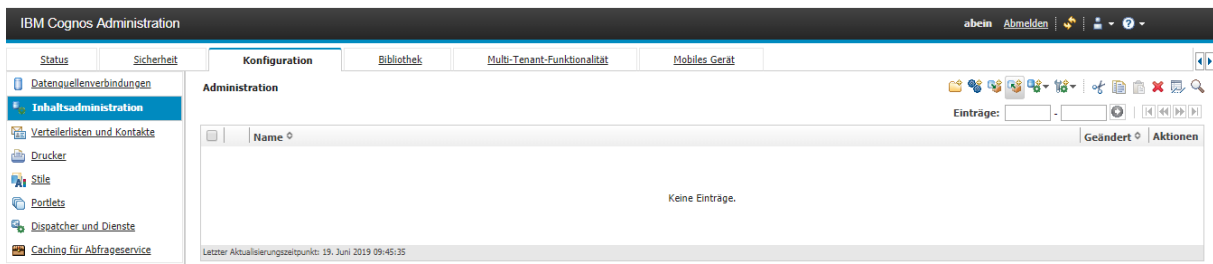
Now open the Administrationskonsole from within Cognos Analytics :



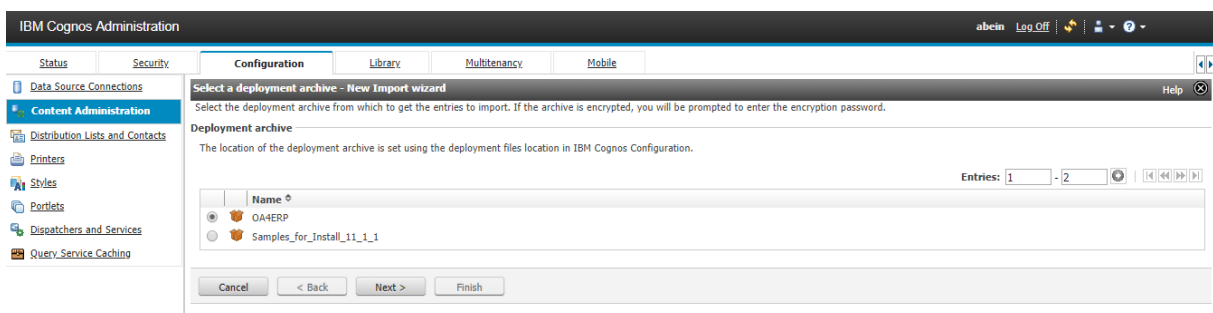
Import Deployment

Goto "Configuration" tab on top and choose "Inhaltsadministration" on the left.

Click on the 4th icon "New Import" in the top-right menu :

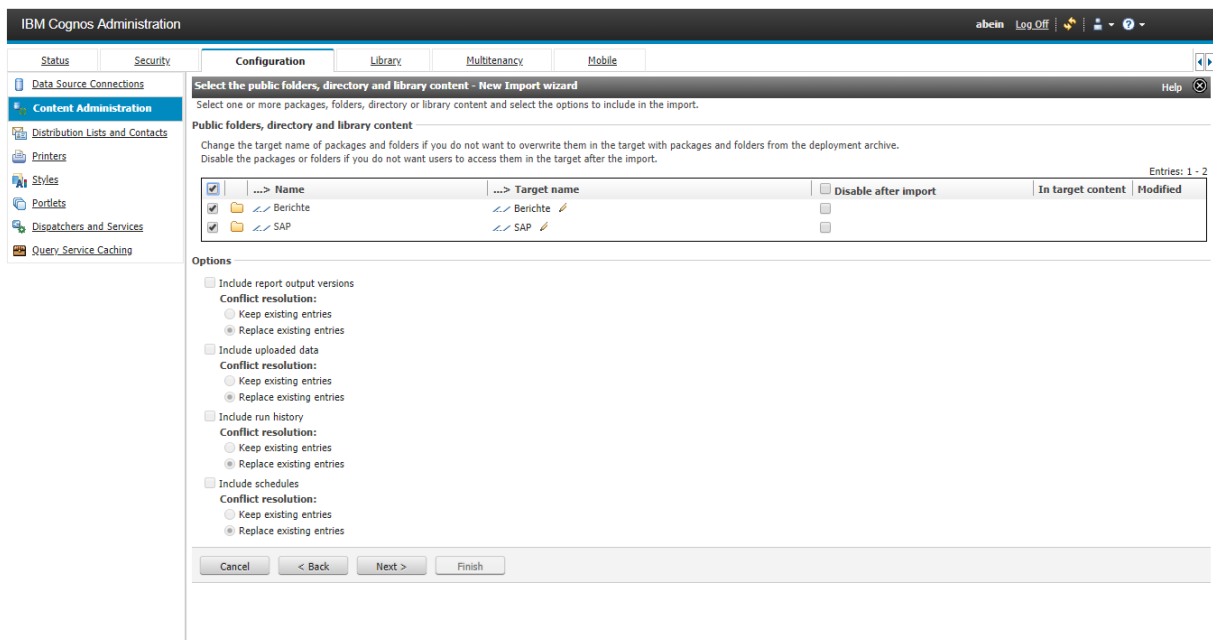


Select the "OA4ERP" deployment archive, Next>



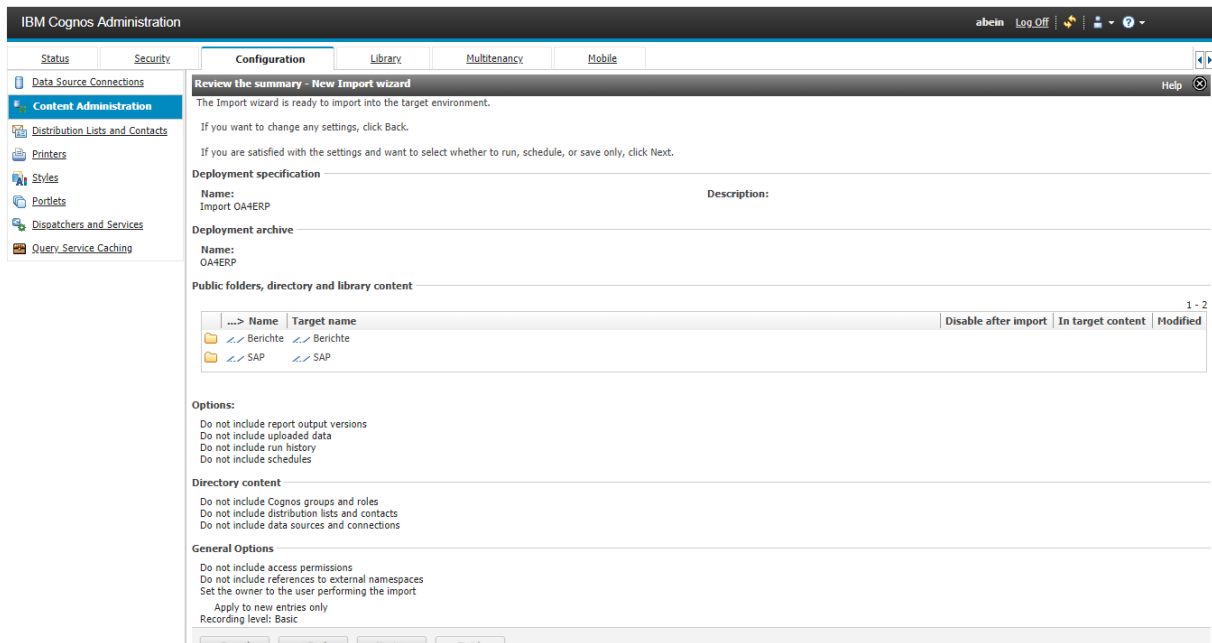
Enter a name (i.e. Import OA4ERP), Next>

Select all content to import, Next>



Leave general options to default settings, Next>

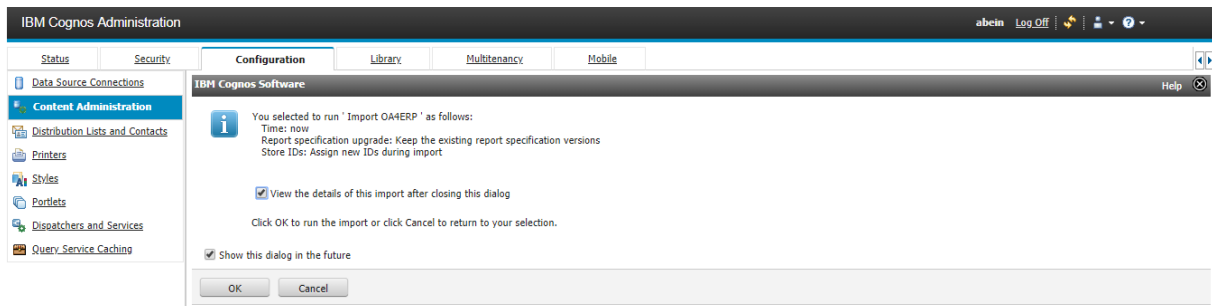
Review the summary, Next>



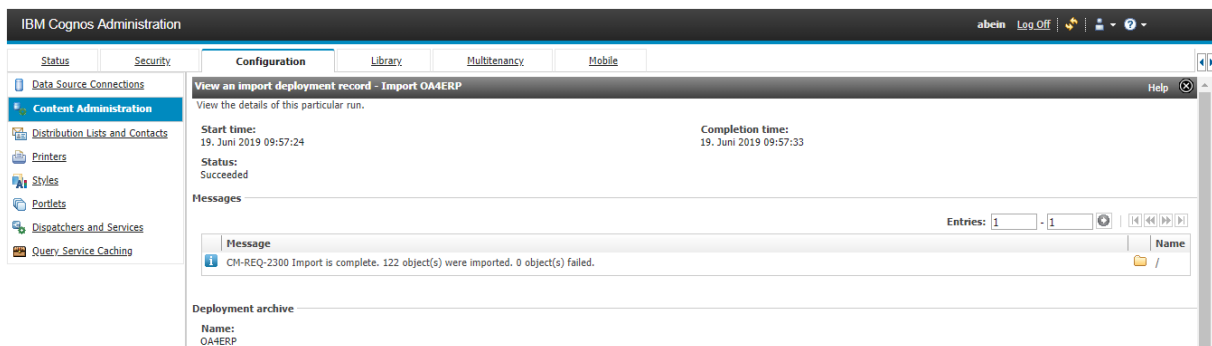
Choose "Save and run once" for action, Next>

Leave run options to default "Now" and Run

Enable to view the details, OK

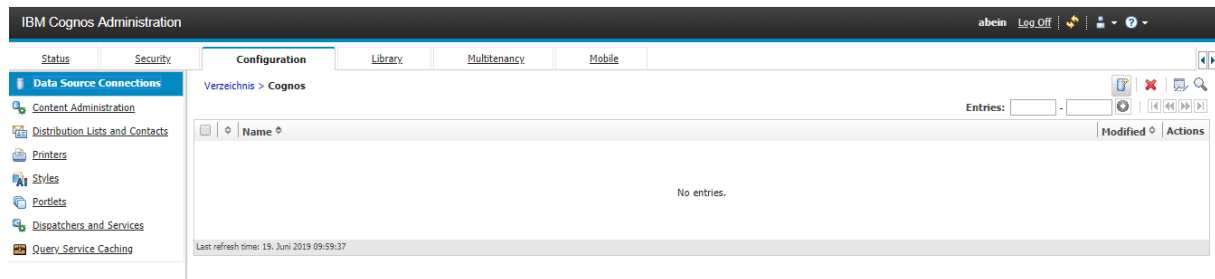


Wait a minute and click "Refresh" in the top-right corner. After the job finished check if all objects were imported without errors :

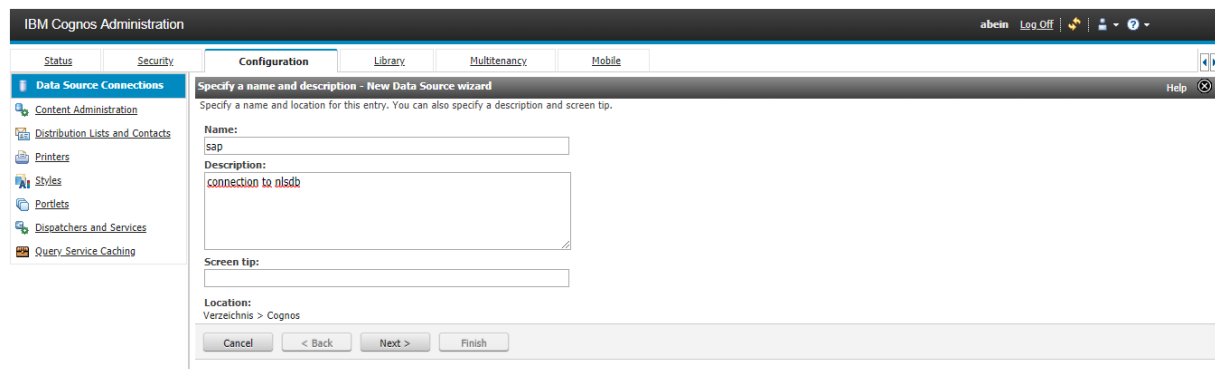


Create Connection

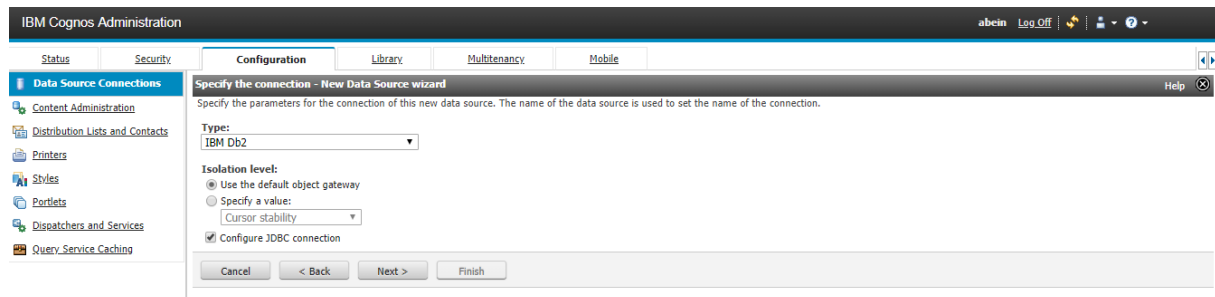
Within Administration choose “Data Source Connections” in the left menu and click on the 1st icon “New Datasource” in the top-right button bar :



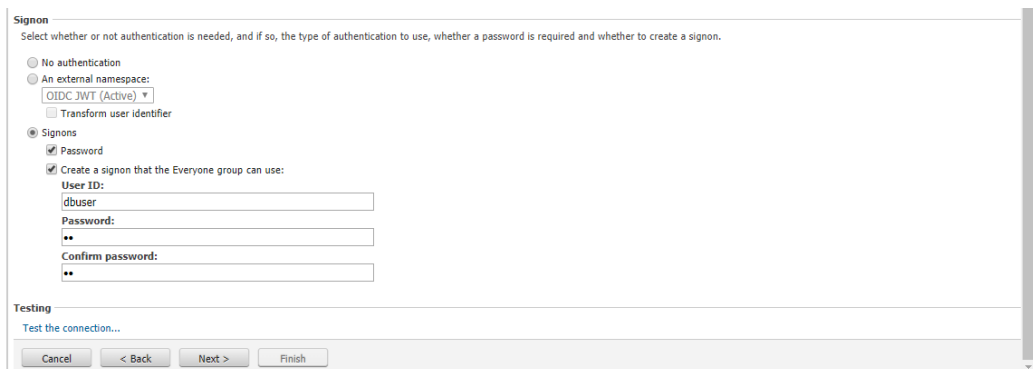
Specify “sap” as Name (using exactly this name is important), enter Description optionally, Next>



Choose Type “IBM Db2” from dropdown, check “Configure JDBC Connection” to be enabled, Next>



On the lower part in section “Signon” enter your User-ID and Password for the login, Next>



Enter Server, Port and Database for JDBC connection and “Test the connection...”

The screenshot shows the 'Specify the IBM Db2 (JDBC) connection string - New Data Source wizard' in the IBM Cognos Administration interface. The 'Configuration' tab is active. The wizard prompts for the following information:

- Server name: your.server.com
- Port number: 50000
- Database name: sapnlsdb
- JDBC Connection Parameters: (empty field)
- Local Sort Options: Collation Sequence (empty field), Level: Primary
- Testing: Test the connection... button

Navigation buttons at the bottom include Cancel, < Back, Next >, and Finish.

In the end the results should have Status “Succeeded” like this, then Close the Testresults

The screenshot shows the 'View the results - Test the connection' dialog box. It displays a table with the following data:

| Name | Type / Query Mode | Status | Message |
|------------------------|--------------------------|-----------|---|
| http://biapp:9300/p2pd | IBM Db2 (JDBC) / Dynamic | Succeeded | XQE-DS-0015 getDatabaseProductName: "DB2/LINUXX8664". |

A 'Close' button is located below the table.

After “Finish” you have the connection available like this :

The screenshot shows the 'Verzeichnis > Cognos' view in the IBM Cognos Administration interface. It displays a list of data source connections:

| Name | Modified | Actions |
|------|------------------------|---------|
| sap | 19. Juni 2019 10:08:14 | More... |

The interface also shows a search bar, a refresh button, and a last refresh time of 19. Juni 2019 10:08:16.

Finish

Your users can start the reporting tools of CA in the cloud accessing the data on premise.