



DataStage Integration

This section will assume you have already created an instance of DataStage as indicated in the prerequisites section. You will also need a project and a data flow asset.

1. Test project and test flow

In case you already have a project and a DataStage flow you can use for testing, you can skip the next two steps. If not, they can be easily created in CloudPak for Data console by choosing the Sample Project and following the steps of the project creation interface.



Once the project is created, open the data flow asset and review that it contains a pipeline that can be run without errors.



2. API Key

Databand only needs an API key to access the pipelines created on DataStage projects. If you have no API key that you can use for this purpose, generate one:

The first screenshot shows the IBM Cloud IAM console. The left sidebar contains the IAM menu with options: Manage identities, Users, Trusted profiles, Service IDs, API keys, and Identity providers. The main area is titled "Manage access and users" and shows a "Users" section with a "Total users" count of 1. A red arrow points to the "API keys" option in the sidebar, and another red arrow points to the "Users" section header, with the text "display the IAM menu" and "click on API keys" respectively.

The second screenshot shows the "API keys" page. The left sidebar is the same as the first screenshot. The main area is titled "API keys" and contains a description of API keys and a "View:" dropdown menu set to "My IBM Cloud API keys". A red arrow points to the "Create" button, with the text "click here". Below the description, there is a table with the following columns: Status, Name, Description, and Date Created. The table contains one row with the following data: Status: Required API key, Name: for IBM Cloud, Description: Kubernetes Service, and Date Created: (empty).

Create IBM Cloud API key ×

Name

databand-workshop ← type a name

Description

click here

Cancel Create

API key successfully created ×

Copy the API key or click download to save it. You won't be able to see this API key again, so you can't retrieve it later. The API key is no longer displayed after 280 seconds.

API key

IuzW4KyIzy8IP1gzRtXG_aJ7VMcqC3DZRIRnPH3geffh ↻

Copy 📄 Download ⬇️

you can keep a copy in your computer

3. Databand configuration

Now, you must enter that key in the Databand configuration. Open the Databand console:

Databand
an IBM Company
1.0.19.7

Dashboard
Pipelines
Runs
Alerts
Datasets
Integrations
Settings
Docs

Integrations + Add Integration

Search 🔍 Type of integration All Show All

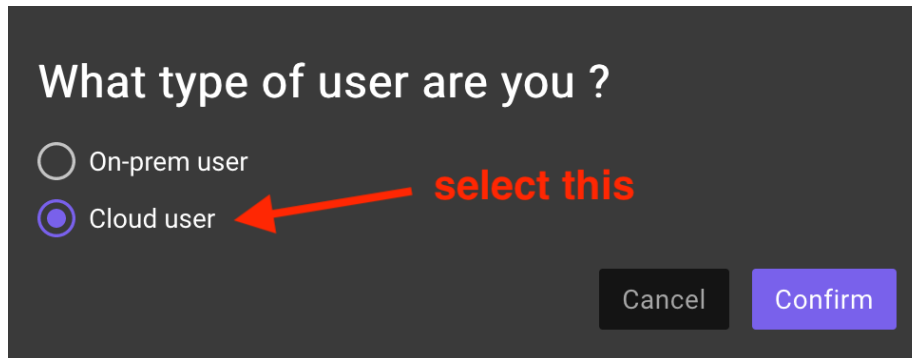
1 Integration

Control	Integration Name	Status	Last Synced & Monitor Updated	Additional Data Details	Actions
	Airflow	Running	Synced: Today at 09:37:32 AM Updated: Today at 09:52:14 AM	Monitor version: 1.0.12.3 v2 Export version: 1.0.12.3 Airflow version: 2.5.1	Edit ⋮

select integrations click here

Records per page: 25 1-1 of 1

Select DataStage and, in the next prompt, select cloud user



What type of user are you ?

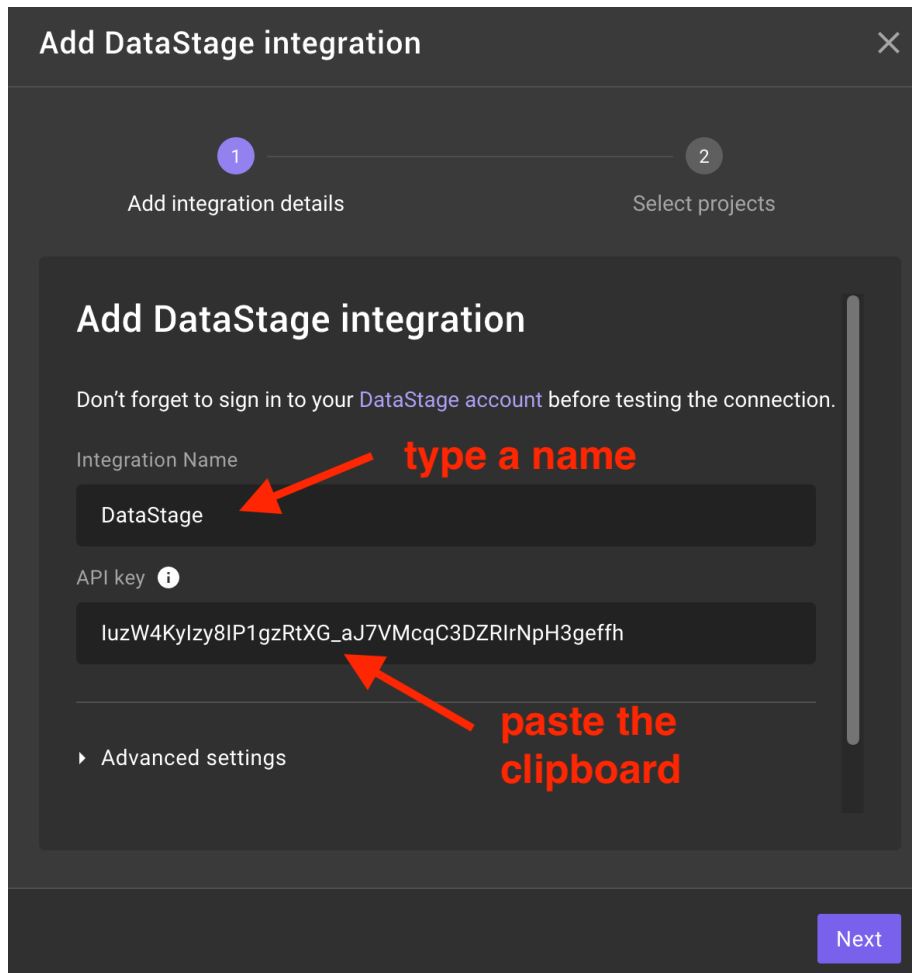
☐ On-prem user

☒ Cloud user

Cancel Confirm

select this

Now, you can paste the API key



Add DataStage integration

1 Add integration details 2 Select projects

Add DataStage integration

Don't forget to sign in to your [DataStage account](#) before testing the connection.

Integration Name

DataStage

API key ⓘ

luzW4Kylzy8IP1gzRtXG_aJ7VMcqC3DZRlrNpH3geffh

Advanced settings

Next

type a name

paste the clipboard

Then, you will be asked to select the project(s) you want to track:

Add DataStage integration

1 Add integration details 2 Select projects

Select DataStage projects

1 project selected

Search project name

	Project	Creator	Source	
<input checked="" type="checkbox"/>	AngelProject	angelito@de.ibm.com	DataStage Account: 0ced05a...	
<input type="checkbox"/>	AngelProjectImport	angelito@de.ibm.com	DataStage Account: 0ced05a...	
<input type="checkbox"/>	Movie Recommender MVP Bl...	georgios.regkas@ibm.com	DataStage Account: 193af92...	

Save

From this moment, all runs of the DataStage jobs included in this project will be captured by Databand.

Databand 1.0.19.7

Dashboard Pipelines Runs Alerts Datasets Integrations

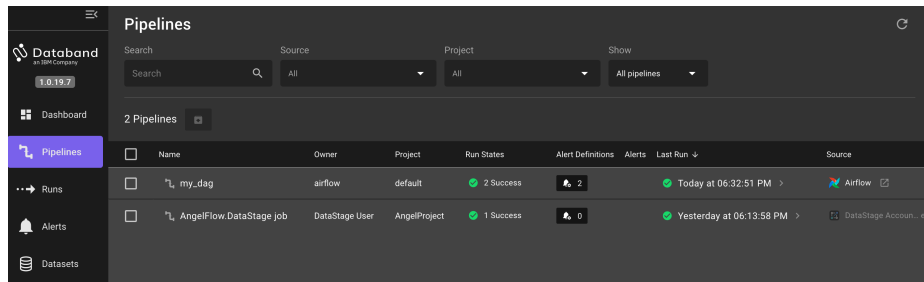
Integrations

+ Add Integration

Search Search All All

2 Integrations

Control	Integration Name	Status	Last Synced & Monitor Updated	Additional Data Details	Actions
	AngelDS	Synced	Synced: Updated: Today at 06:44:55 PM		Edit
	Airflow	Running	Synced: Today at 06:33:17 PM Updated: Today at 06:44:57 PM	Monitor version: 1.0.12.3 v2 Export version: 1.0.12.3 Airflow version: 2.5.1	Edit



Next Section: Postgres Deployment Previous Section: Airflow integration
Return to main