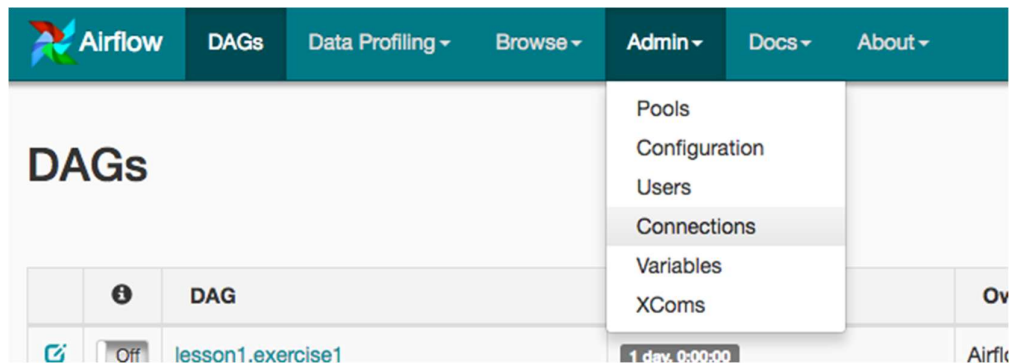


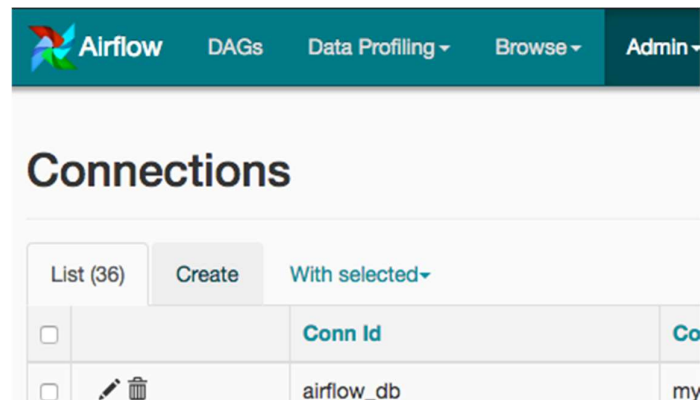
## Add Airflow Connections

Here, we'll use Airflow's UI to configure your AWS credentials and connection to Redshift.

1. To go to the Airflow UI:
  - You can use the Project Workspace here and click on the blue **Access Airflow** button in the bottom right.
  - If you'd prefer to run Airflow locally, open <http://localhost:8080> in Google Chrome (other browsers occasionally have issues rendering the Airflow UI).
2. Click on the **Admin** tab and select **Connections**.



3. Under **Connections**, select **Create**.



4. On the create connection page, enter the following values:
  - **Conn Id:** Enter `aws_credentials`.
  - **Conn Type:** Enter `Amazon Web Services`.
  - **Login:** Enter your **Access key ID** from the IAM User credentials you downloaded earlier.
  - **Password:** Enter your **Secret access key** from the IAM User credentials you downloaded earlier.Once you've entered these values, select **Save and Add Another**.

## Connection [create]

List Create

**Conn Id** aws\_credentials

**Conn Type** Amazon Web Services

**Host**

**Schema**

**Login** AKIAJBFNV3NT4NVHNDKA

**Password** .....

**Port**

**Extra**

Save Save and Add Another Save and Continue Editing Cancel

4. On the next create connection page, enter the following values:

- **Conn Id:** Enter `redshift`.
- **Conn Type:** Enter `Postgres`.
- **Host:** Enter the endpoint of your Redshift cluster, excluding the port at the end. You can find this by selecting your cluster in the **Clusters** page of the Amazon Redshift console. See where this is located in the screenshot below. IMPORTANT: Make sure to **NOT** include the port at the end of the Redshift endpoint string.
- **Schema:** Enter `dev`. This is the Redshift database you want to connect to.
- **Login:** Enter `awsuser`.
- **Password:** Enter the password you created when launching your Redshift cluster.
- **Port:** Enter `5439`.

Once you've entered these values, select **Save**.

Cluster	Cluster Status	DB Health	Release St
redshift-cluster-1	available	healthy	Up to date

Endpoint **redshift-cluster-1.cro5lqt0mnm.us-west-2.redshift.amazonaws.com** 5439 ⓘ

**Cluster Properties**

Cluster Name	redshift-cluster-1
Node Type	dc2.large
Nodes	2
Zone	us-west-2c
Cluster Parameter Group	default.redshift-1.0 ( in-sync )
Cluster Subnet Group	default
Enhanced VPC Routing	No
IAM Roles	See IAM Roles

**Cluster Database Properties**

Port	5439
Database Name	dev
Master Username	awsuser
Encrypted	No

Record was successfully created.

## Connection [create]

List

Create

Conn Id

redshift

Conn Type

Postgres

Host

redshift-cluster-1.cro5lqt0mnm.us-west-2.redshift.amazonaws.com

Schema

dev

Login

awsuser

Password

\*\*\*\*\*

Port

5439

Extra

Save

Save and Add Another

Save and Continue Editing

Cancel

Awesome! You're now all configured to run Airflow with Redshift.

**WARNING: Remember to DELETE your cluster each time you are finished working to avoid large, unexpected costs.**