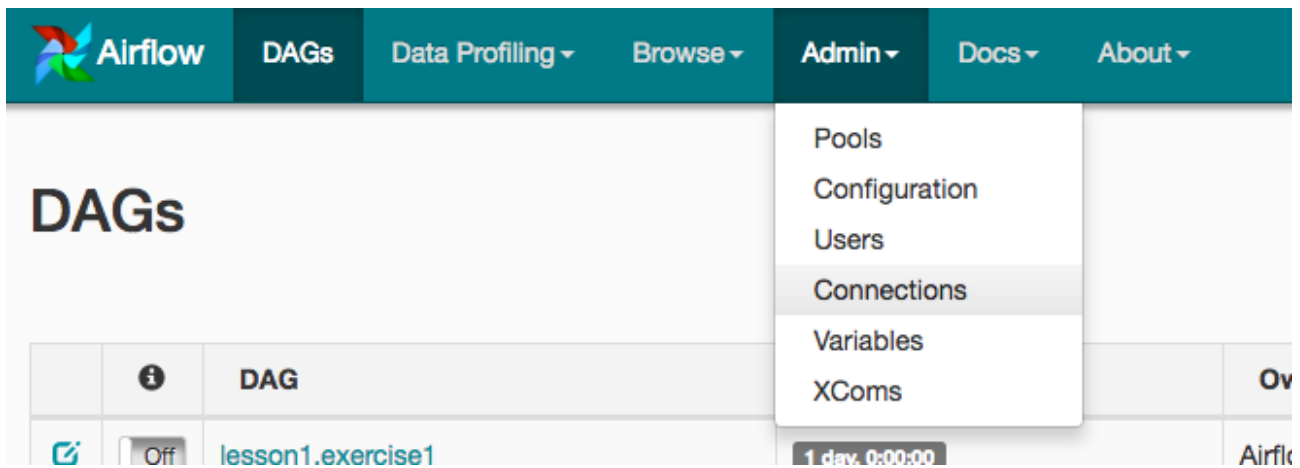


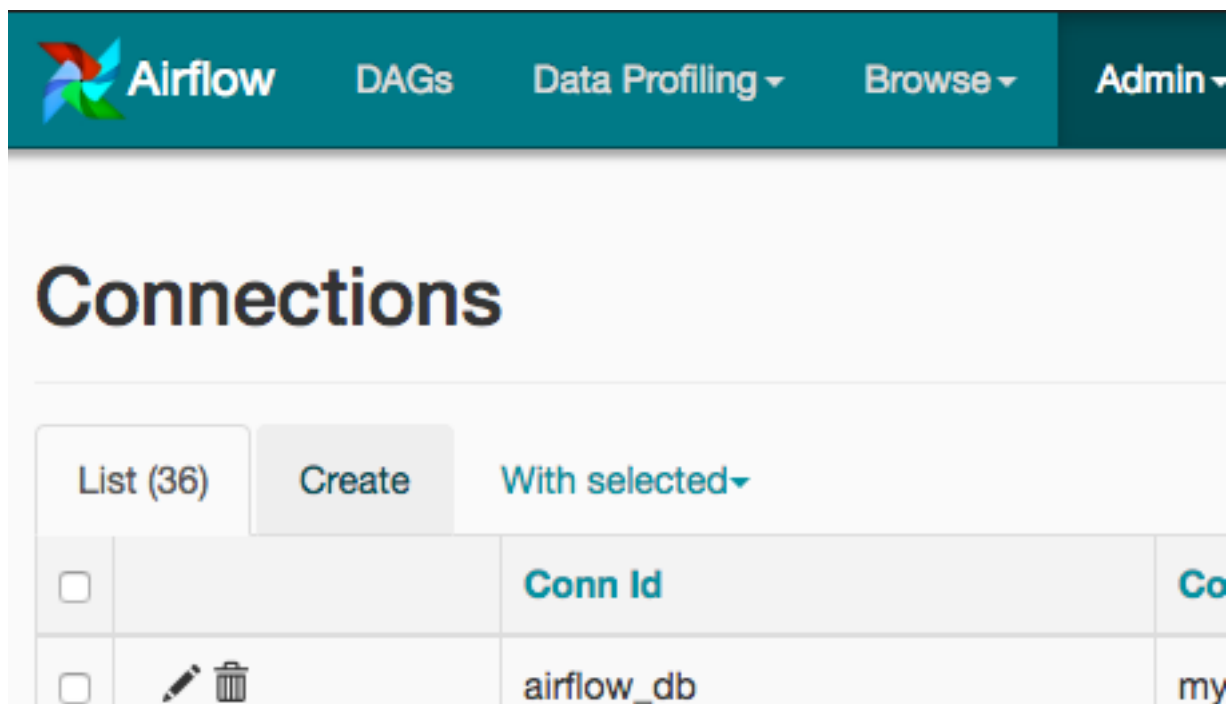
Add Airflow Connections

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.

5. 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.
5. 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.cro5lqt0mnmm.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.