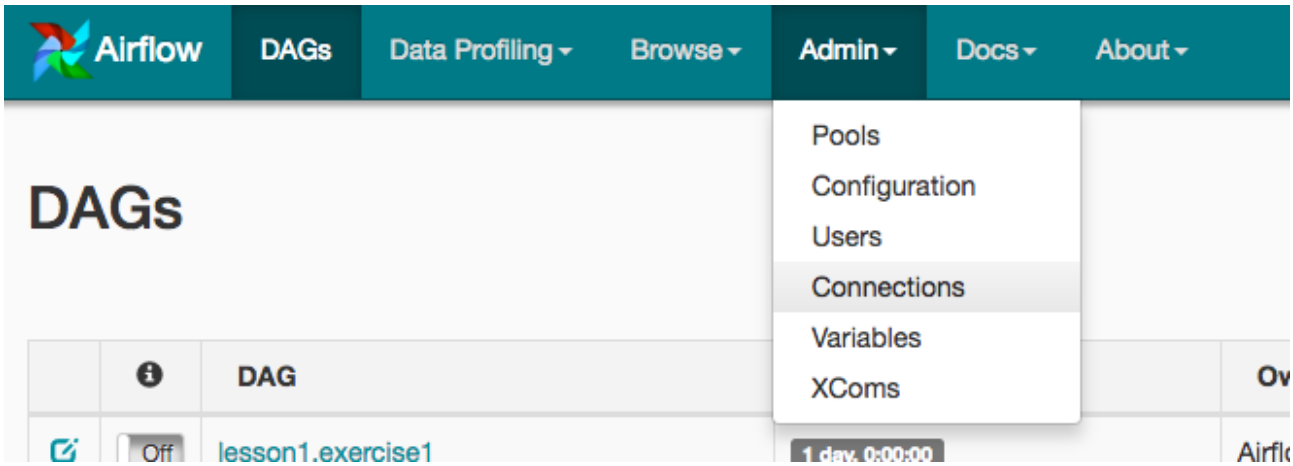
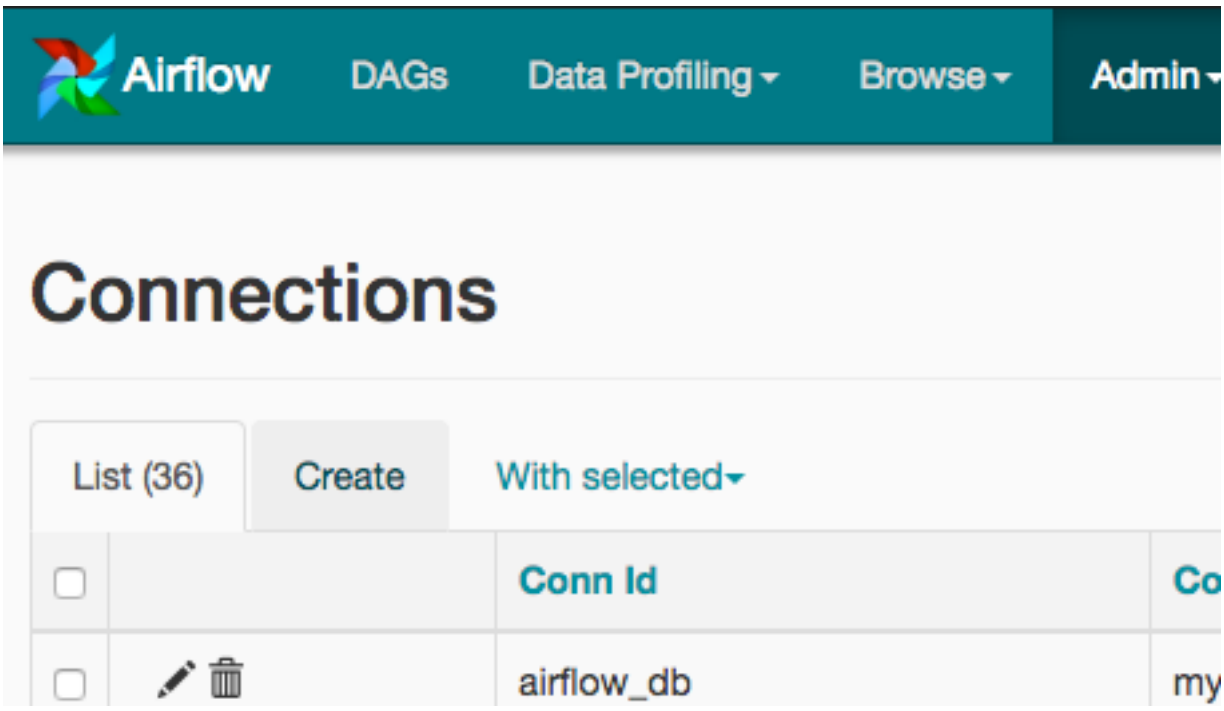
Add Airflow Connections

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**.

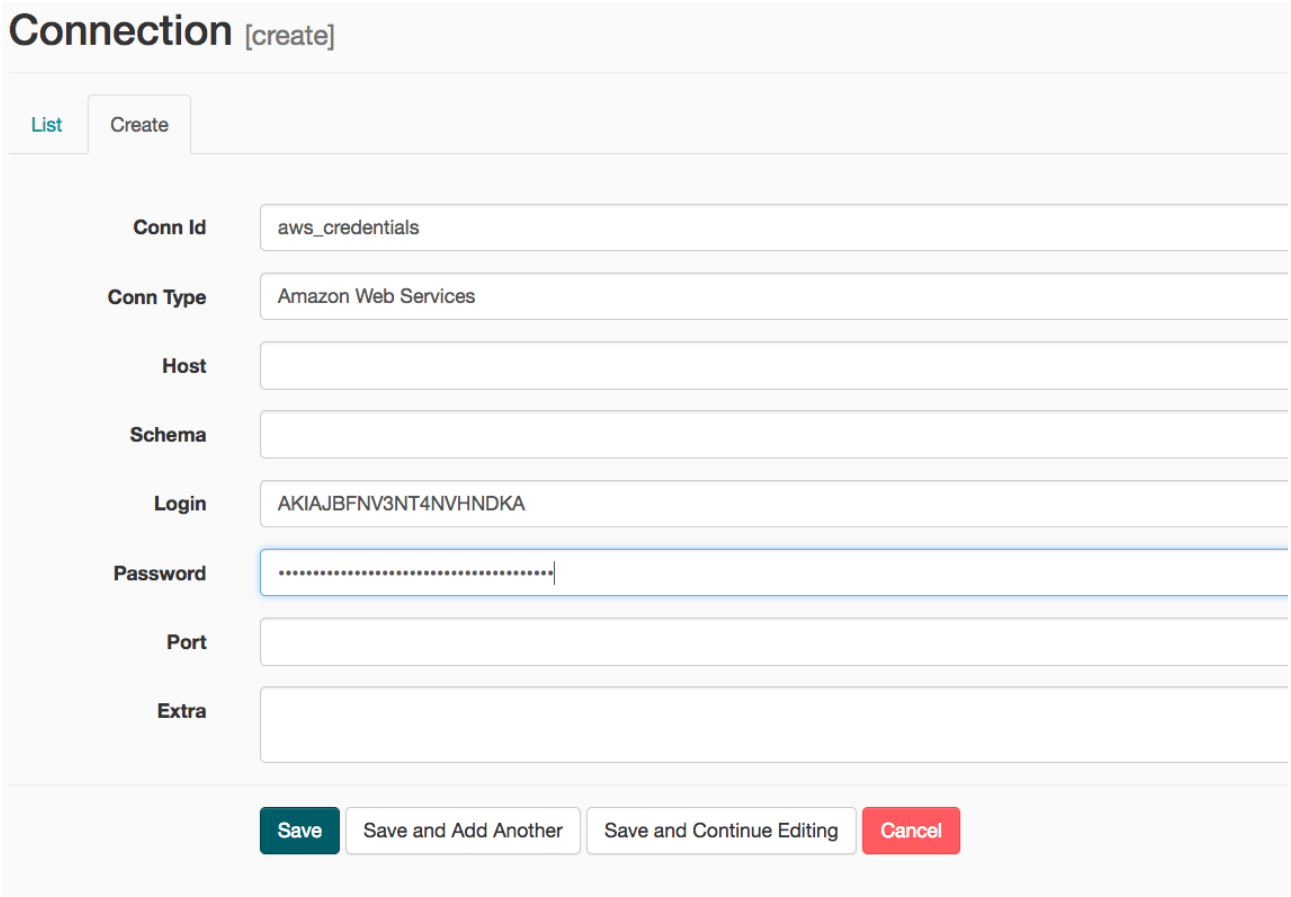


4. On the create connection page, enter the following values:

    - **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**.

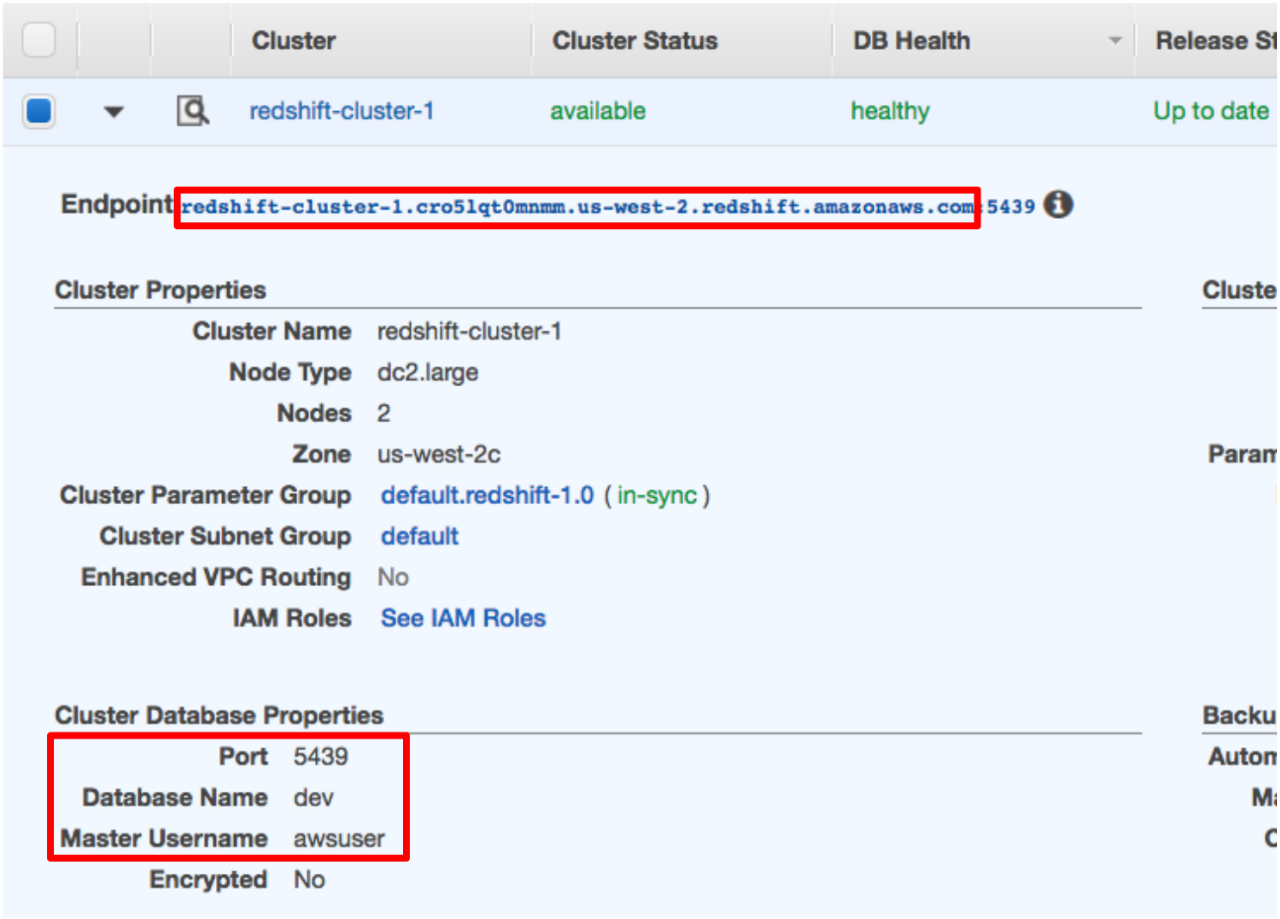


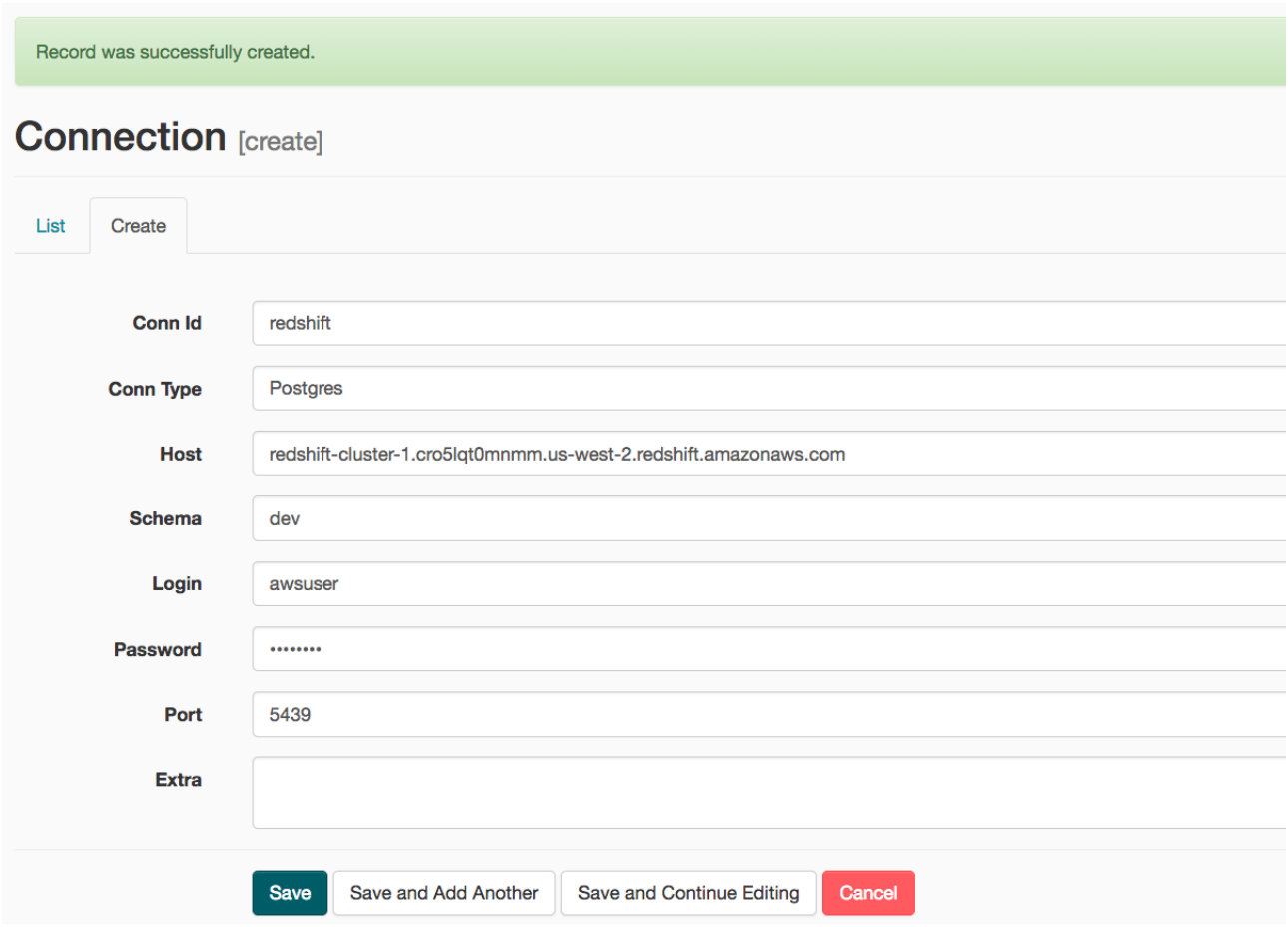
4. On the next create connection page, enter the following values:

- **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**.





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.