

Create credentials to access your database instance

Database credentials are required to connect from remote applications like Jupyter notebooks which are used in the labs and assignment in the last two weeks of the course.

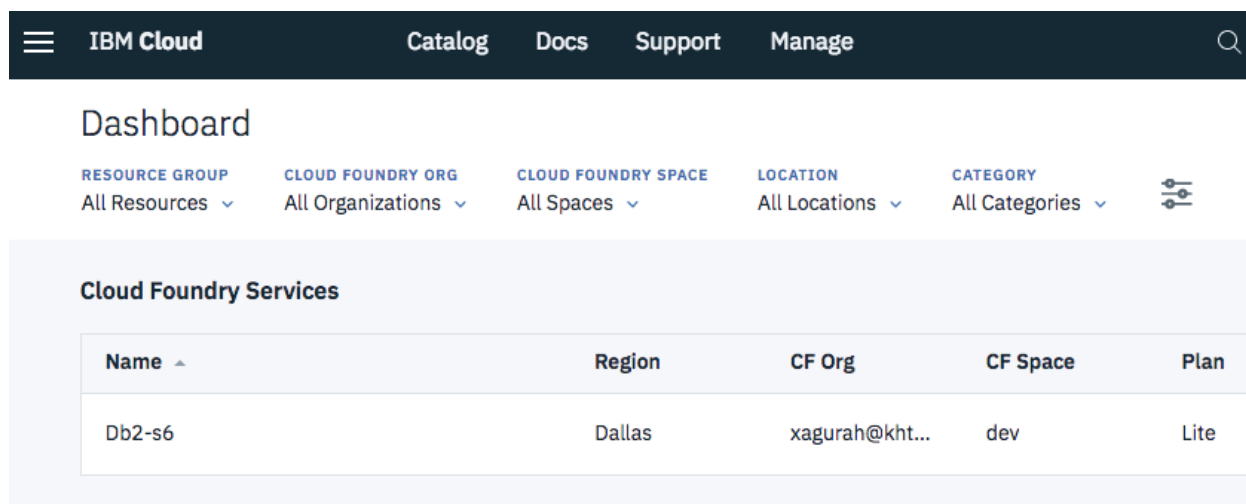
0. Go to your IBM Cloud dashboard - click on IBM Cloud in the top left corner or go to:

<https://console.bluemix.net/dashboard/apps>

If your connection is slow it may take over 30 seconds for the dashboard to fully load.

1. Locate and click on your Db2 service listed under Cloud Foundry Services.

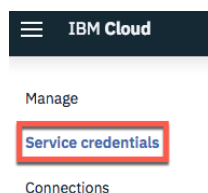
(NOTE: In the example below the service is called “Db2-s6” but your Db2 service may have a different letters/numbers in the suffix e.g. “Db2-xx”)



The screenshot shows the IBM Cloud Dashboard. At the top is a dark navigation bar with 'IBM Cloud', 'Catalog', 'Docs', 'Support', and 'Manage'. Below this is a 'Dashboard' section with filters for 'RESOURCE GROUP' (All Resources), 'CLOUD FOUNDRY ORG' (All Organizations), 'CLOUD FOUNDRY SPACE' (All Spaces), 'LOCATION' (All Locations), and 'CATEGORY' (All Categories). The main content area is titled 'Cloud Foundry Services' and contains a table with the following data:

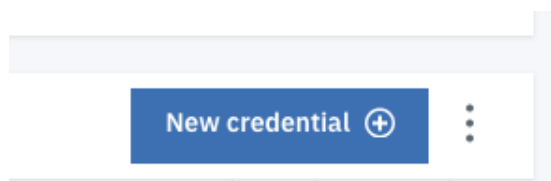
Name	Region	CF Org	CF Space	Plan
Db2-s6	Dallas	xagurah@kht...	dev	Lite

2. Click on **Service Credentials** in the left menu



The screenshot shows the left sidebar of the IBM Cloud dashboard. It has a dark header with 'IBM Cloud'. Below it are three menu items: 'Manage', 'Service credentials' (which is highlighted with a red box), and 'Connections'.

3. Click on the button to create **New credentials**.



The screenshot shows a blue button with the text 'New credential' and a plus icon (+). To the right of the button is a vertical ellipsis (three dots).

In the prompt that comes up click the “**Add**” button in the bottom right:

Add new credential

Name:

Service credentials-2

Add Inline Configuration Parameters (Optional): ⓘ

Provide service-specific configuration parameters in a valid JSON object

Choose File...

Cancel Add

4. Check the box to **View credentials**

5. Copy and save the credentials making a note of the following:

- **port** is the database port
- **db** is the database name
- **host** is the hostname of the database instance
- **username** is the username you'll use to connect
- **password** is the password you'll use to connect (you may need to scroll down to see the password)
- **URI** (you will need this for Jupyter notebooks when using SQL Magic)

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Location: US South Org: rsahuja@ca.ibm.com Space: dev

Service credentials

Credentials are provided in JSON format. The JSON snippet lists credentials, such as the API key and secret, as well as connection information for the service. [View More](#)

Service credentials **3** New credential

10 Items per page | 1-1 of 1 items 1 of 1 pages < 1 >

<input type="checkbox"/>	KEY NAME	DATE CREATED	ACTIONS
<input type="checkbox"/>	Credentials-1	May 1, 2018 - 11:50:32	4 View credentials

```
{
  "port": 50000,
  "db": "BLUDB",
  "username": "qcm54853",
  "sslConnection": "jdbc:db2://dashdb-txn-sbox-yp-dal09-04.services.dal.bluemix.net:50001/BLUDB:sslConnection=true;",
  "host": "dashdb-txn-sbox-yp-dal09-04.service
```

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Good luck!