



## Create credentials to access your database instance

### Objective(s)

At the end of this lab you will be able to:

- Create your own instance of database on IBM Cloud using DB2 service

### Exercise

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 Resources dashboard (or click on IBM Cloud in the top left corner):

<https://cloud.ibm.com/resources>

Note: you may need to log into IBM Cloud in the process of loading the resources/dashboard.




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 Services.

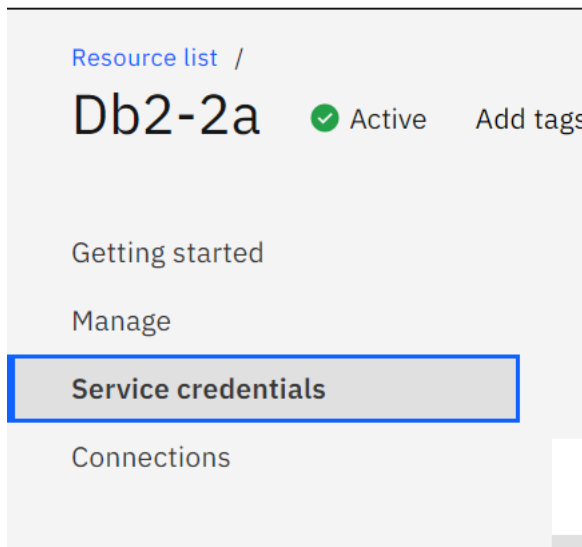
(**NOTE:** In the example below the service is called “Db2-xx” but your Db2 service may have a different letters/numbers in the suffix e.g. “Db2-f8”, “Db-50”, etc.)

cloud.ibm.com/resources

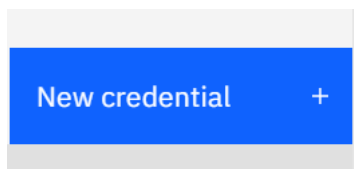
IBM Cloud Search resources and offerings...

▼ Name	↑ Group
Filter by name or IP address...	Filter by group
▼ Devices (0)	
▼ VPC infrastructure (0)	
▼ Clusters (0)	
▼ Cloud Foundry apps (0)	
▼ Cloud Foundry services (0)	
^ Services (6)	
 Db2-2a	Default
 Language Translator-6c	Default
 Speech to Text-6d	Default

2. Click on Service Credentials in the left menu



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



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

## Create credential



Name:

Service credentials-3

Role: ⓘ

Manager



[Advanced options](#) ▾

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)

Resource list / **1** Db2-2a ✓ Active Add tags ⌵ Details

Getting started

Manage


**Service credentials**

Connections **2**

### Service credentials

You can generate a new set of credentials for cases where you want to manually connect an app or external consumer to an IBM Cloud™ service. [Learn more](#)

Search credentials...

▼	<input type="checkbox"/>	Key name	Date created
<b>4</b>		<input type="checkbox"/> Service credentials-1	MAR 4, 2020 - 10:23:22 AM
<b>5</b>		<pre>{   "db": "BLUDB",   "dsn": "DATABASE=BLUDB;HOSTNAME=dashdb-txn-sbox-yp-lon02-01.services.eu-gb.ibmcloud.com;PORT=50000;PROTOCOL=TCPIP;UID=   ",   "host": "dashdb-txn-sbox-yp-lon02-01.services.eu-gb.ibmcloud.com",   "hostname": "dashdb-txn-sbox-yp-lon02-01.services.eu-gb.ibmcloud.com",   "https_url": "https://dashdb-txn-sbox-yp-lon02-01.services.eu-gb.ibmcloud.com:8443", }</pre>	

## Author(s)

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## Other Contributor(s)

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## Changelog

Date	Version	Changed by	Change Description
2020-08-27	2.0	Simran	Migrated lab to course in GitLab

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