

# 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):

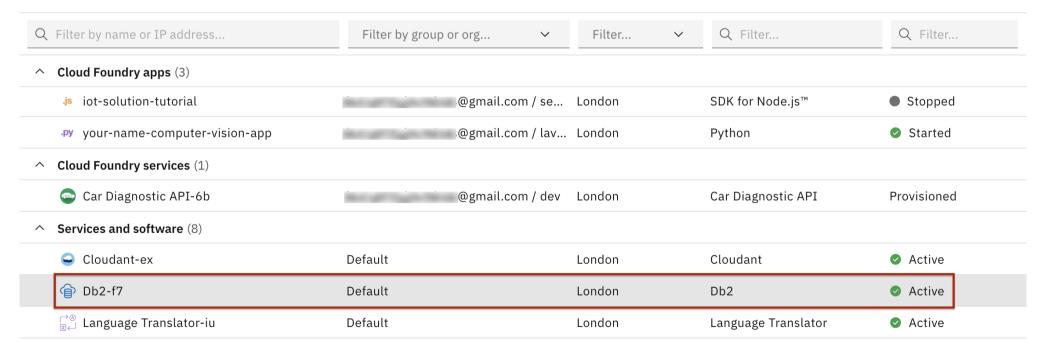
#### https://cloud.ibm.com/resources

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.

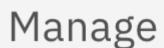
(**NOTE:** In the example below the service is called "Db2-xx" but your Db2 service may have a different letters/numbers in the suffix e.g. "Db2-f8", "Db-50", etc.)



2. Click on Service Credentials in the left menu

Resource list /



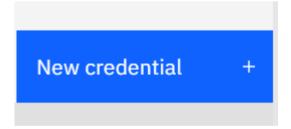


Getting started

Service credentials

Connections

3. Click on the button to create New credential



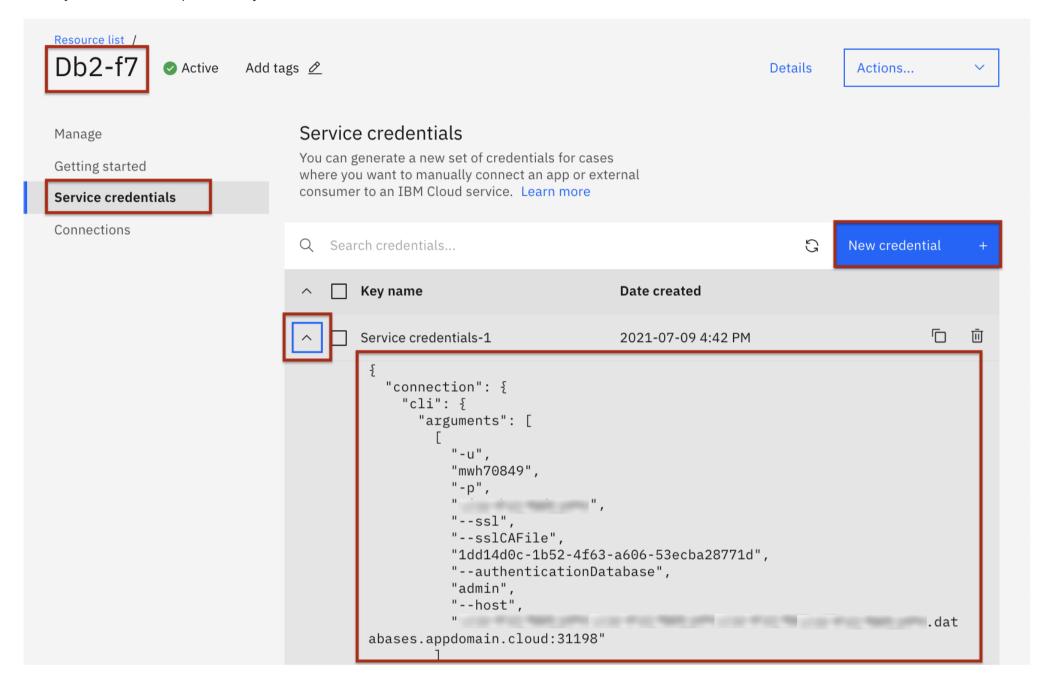
In the prompt that comes up click the "Add" button in the bottom right:

# X Create credential Name: Service credentials-3 Role: (i) 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 need to scroll down to get the credentials details.

```
"authentication": {
          "method": "direct
           username": "qdg93144"
        certificate": {
"certificate_base64": "LS0tLS1CRUdJTiBDRVJUSUZJQ0FURS0tLS0tCk1JSURFakNDQWZxZ0F3SUJBZ01KQVA1S0R3ZTNCTkxiTUEwR0NTcUdTSWIZRFFFQkN3VUFNQjR4SERBYUJnTlYKQkFNTUUwbEN
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       "database": "bludb"
          "54a2f15b-5c0f-46df-8954-7e38e612c2bd.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud:30592"
        "hosts": [
             hostname
            "port": 32733
        'jdbc_url": [
          jdbc:db2://54a2f15b-5c0f-46df-8954-7e38e612c2bd.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud:32733/bludb:user=<userid>;password=<your_password>;sslConnecti
```

### Author(s)

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### Other Contributor(s)

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## Changelog

Date	Version	Changed by	Change Description
2021-07-09	2.1	Malika	Updated screenshots
2020-08-27	2.0	Simran	Migrated lab to course in GitLab

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