4/6/24, 1:41 AM about:blank



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-f7**. Your Db2 service may have different letters/numbers in the suffix e.g. **Db2-f8**, **Db-50** etc.)

Q Filter by name or IP address	Filter by group or org				
^ Cloud Foundry apps (3)					
.js iot-solution-tutorial	@gmail.				
your-name-computer-vision-app	@gmail.				
Cloud Foundry services (1)					
Car Diagnostic API-6b	@gmail.				
^ Services and software (8)					
	Default				
	Default				
Description	Default				

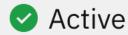
2. Click on Service Credentials in the left menu

about:blank 1/5

4/6/24, 1:41 AM about:blank

Resource list /

Db2-f7 Active Add tags \triangle



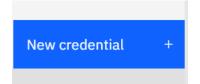
Manage

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:

about:blank 2/5 4/6/24, 1:41 AM about:blank

Create credential Name: Service credentials-3 Role: ① Manager

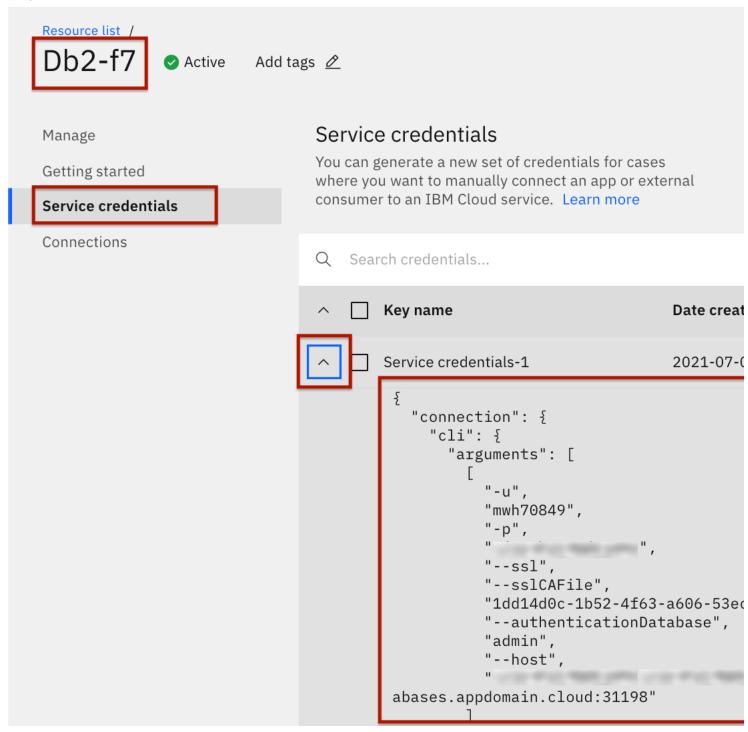
Advanced options ~



- 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

about:blank 3/5

4/6/24, 1:41 AM about:blank



You need to scroll down to get the credentials details.

about:blank 4/5

4/6/24. 1:41 AM about:blank

"db2": {

```
"authentication": {
        method": "direct
        'password":
        username": "qdg93144'
      certificate": {
        certificate_base64": "LS0tLS1CRUdJTiBDRVJUSUZJQ0FURS0tLS0tCk1JSURFakNDQWZxZ0F3SUJBZ01KQVA1S0R3ZTNCTkxiTUEwR0NT"
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eplset"
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        "54a2f15b-5c0f-46df-8954-7e38e612c2bd.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud:30592"
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on=true;"
        +b" · "/bludb"
```

Author(s)

Rav Ahuja

Other Contributor(s)

Simran Garg

Changelog

Date	Version	Changed by	Change Description
2023-05-11	2.5	Eric Hao & Vladislav Boyko	Updated Page Frames
2023-05-10	2.4	Eric Hao & Vladislav Boyko	Updated Page Frames
2023-05-10	2.3	Eric Hao & Vladislav Boyko	Updated Page Frames
2023-05-10	2.2	Eric Hao & Vladislav Boyko	Updated Page Frames
2021-07-09	2.1	Malika	Updated screenshots
2020-08-27	2.0	Simran	Migrated lab to course in GitLab

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about:blank 5/5