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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.

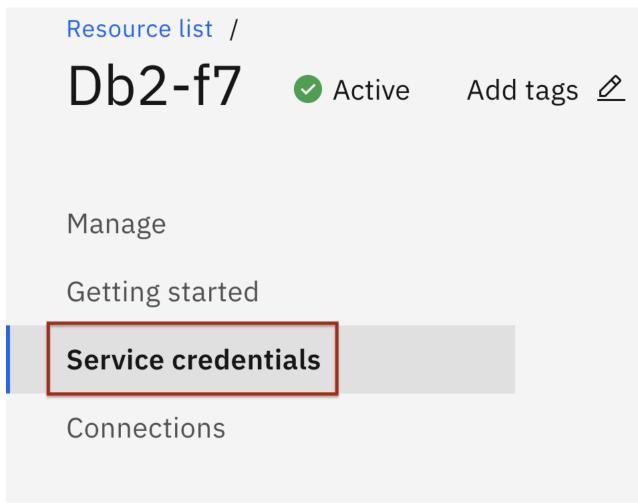
1. Locate and click on your Db2 service listed under Services.

(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.)

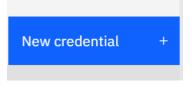
Q Filter by name or IP address	Filter by group or org			
^ Cloud Foundry apps (3)				
iot-solution-tutorial	@gma			
.ру your-name-computer-vision-app	@gma			
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^ Services and software (8)				
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2. Click on Service Credentials in the left menu

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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: ①

Manager

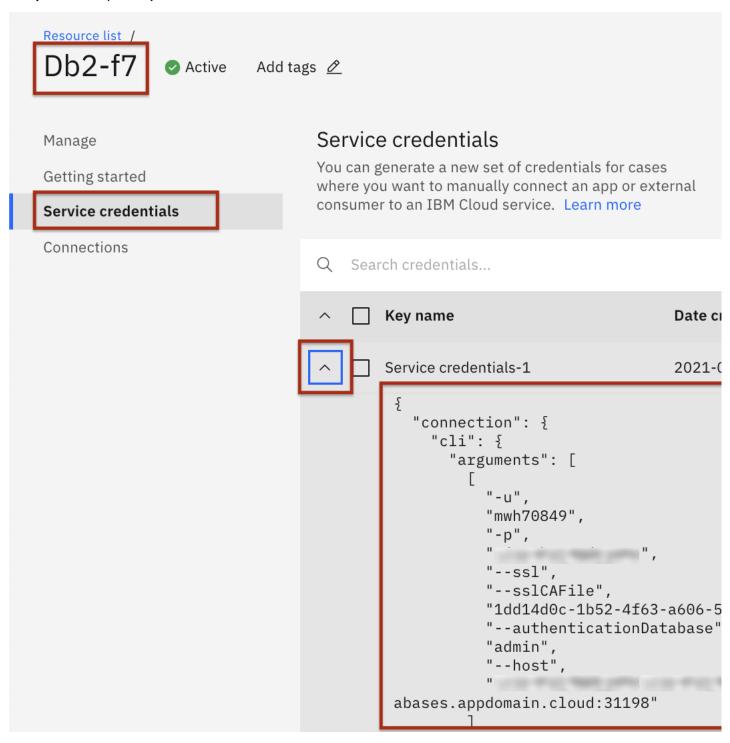
Advanced options ~

Cancel

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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.

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```
"db2": {
       authentication": {
        method": "direct
         password":
         .
username": "qdg93144"
        "certificate_base64": "LS0tLS1CRUdJTiBDRVJUSUZJQ0FURS0tLS0tCk1JSURFakNDQWZxZ0F3SUJBZ01KQVA1S0R3ZTNCTkxiTUE\
UU0JEYkc5MVpDQkVZWFJoWW1GelpYTXdIaGNOTWpBd01qSTVNRFF5TVRBeVdoY05NekF3TWpJMgpNRFF5TVRBeVdqQWVNUnd3R2dZRFZRUUREQk5KUI
Uc5dzBCQVFFRkFBT0NBUThBTUlJQkNnS0NBUUVBdXUvbitpWW9xdkdGNU8xSGpEalpsK25iYjE4UkR4ZGwKTzRUL3FoUGMxMTREY1FUK0p1RXdhdG1:
0QwpDVGcrSUsxbjBrdDMrTHM3d1dTakxqVE96N3M3M1ZUSU5yYmx3cnRIRUlvM1JWTkV6SkNHYW5LSXdZMWZVSUtrCldNM1R0SD15cnFsSGN0Z2pIU
VRmNENOY3EKY21QcHNqdDBPTnIOYnhJMVRyUWxEemNiN1hMSFBrWW91SUprdnVzMUZvaTEySmRNM1MrK3labFZPMUZmZkU3bwpKMjhUdGJoZ3JGOGt
KR1FJREFRQUJvMU13C1VUQWRCZ05WSFE0RUZnUVV1Q3JZanFJQzc1VUpxVmZEMDh1ZWdqeDZiUmN3SHdZRFZSMGpCQmd3Rm9BVWVDc1kKanFJQzc1VU
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PekIyWmE2S1YrQTVscEttMWdjV3VHYzMKK1UrVTFzTDd1Ujd3ZFFuVjU0TVU4aERvNi9sVHRMRVB2Mnc3V1NPS1FDK013ejgrTFJMdjVHSW5BN1JySI
E42K0JIbzhvWG5YWkh6UG91cldYS1BoaGdXZ2J5CkNDcUdlK0NWNnQleFg3b05NS3VNSUNqRVZndnNLWnRqeTQ5VW5iNVZZbHQ0b1J3dTF1bGdzRDN
RPT0KLS0tLS1FTkQgQ0VSVE1GSUNBVEUtLS0tLQo="
        "name": "1cbbb1b6-3a1a-4d49-9262-3102a8f7a7c8"
      composed": [
        db2://qdg93144: @54a2f15b-5c0f-46df-8954-7e38e612c2bd.c1ogj3sd0tgtu01qde00.databases.appdor"
eplset"
      "database": "bludb",
        "54a2f15b-5c0f-46df-8954-7e38e612c2bd.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud:30592"
          'hostname": "
           port": 32733
       jdbc_url": [
        dbc:db2://54a2f15b-5c0f-46df-8954-7e38e612c2bd.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud:32733/bludl"
on=true;"
      "poth": "/bludb"
```

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Changelog

Date	Version	Changed by	Change Description
2023-05-11	2.5	Eric Hao & Vladislav Boyko	•
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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