

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.

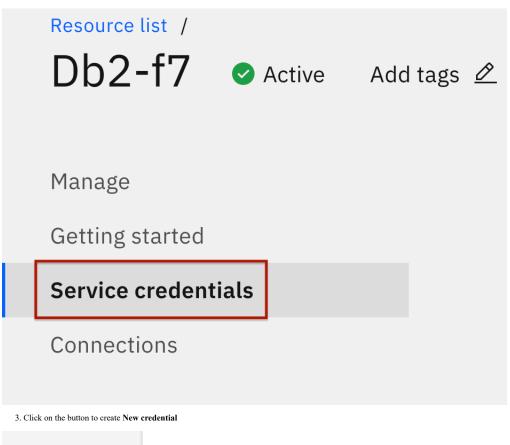
If your connection is slow it may take over 30 seconds for the dashboard to fully load.

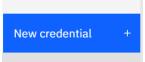
1. Locate and click on your Db2 service listed under Services.

(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 o	or org ∨	Filter.
^ Cloud Foundry apps (3)			
.js iot-solution-tutorial	and the same of the same of	@gmail.com / se	London
py your-name-computer-vision-app	ALCOHOLD THE	@gmail.com / lav	London
^ Cloud Foundry services (1)			
Car Diagnostic API-6b	Bright Springer	@gmail.com / dev	London
↑ Services and software (8)			
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	Default		London
C Language Translator-iu	Default		London

^{2.} Click on Service Credentials in the left menu





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



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





Manage

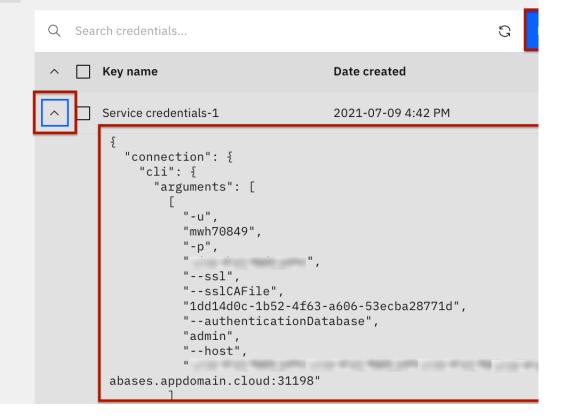
Getting started

Service credentials

Connections

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



You need to scroll down to get the credentials details.

```
"db2": {
        "authentication": {
          "password":
          .
'username": "qdg93144"
"certificate_base64": "LS0tLS1CRUdJTibDRVJUSUZJQ0FURS0tLS0tCk1JSURFakNDQWZxZ0F3SUJBZ01KQVA1S0R3ZTNCTkxiTUEwR0NTcUdTSWIZRFFFQkN3VUFNQjR4SERBYUJn
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"port": 32733
        'jdbc url": [
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```

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