



## Create credentials to access your database instance

### Objectives

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.

6. Go to your IBM Cloud Resources dashboard (or click on IBM Cloud in the top left corner)

#### IBM Cloud Resources dashboard

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. **Db2-8f**, **Db2-S8** etc.)

Filter by name or IP address...	Filter by group or org...	Filter...	Filter...	Filter...
Cloud Foundry apps (3)				
iot-solution-tutorial	@gmail.com / se...	London	SDK for Node.js™	Stopped
your-name-computer-vision-app	@gmail.com / lav...	London	Python	Started
Cloud Foundry services (1)				
Car Diagnostic API-6b	@gmail.com / dev	London	Car Diagnostic API	Provisioned
Services and software (8)				
Cloudant-ex	Default	London	Cloudant	Active
Db2-f7	Default	London	Db2	Active
Language Translator-iu	Default	London	Language Translator	Active

2. Click on Service Credentials in the left menu

Resource list /

## Db2-f7

Active Add tags

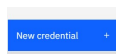
Manage

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:

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** in the database part
- **db** in the database name
- **host** in the hostname of the database instance
- **username** in the username you'll use to connect
- **password** in the password you'll use to connect

Resource list /

## Db2-f7

Active Add tags

Details Actions...

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](#)

Search credentials...

New credential

Key name	Date created
Service credentials-1	2021-07-09 4:42 PM

```
{
  "connection": {
    "cli": {
      "arguments": [
        "-u",
        "mh70849",
        "-p",
        "*****",
        "--ssl",
        "--sslCAFile",
        "1dd14d9c-1b52-4f63-a606-53ecba28771d",
        "--authenticationDatabase",
        "admin",
        "--host",
        "abases.appdomain.cloud:31198"
      ]
    }
  }
}
```

You need to scroll down to get the credentials details.

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