

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):

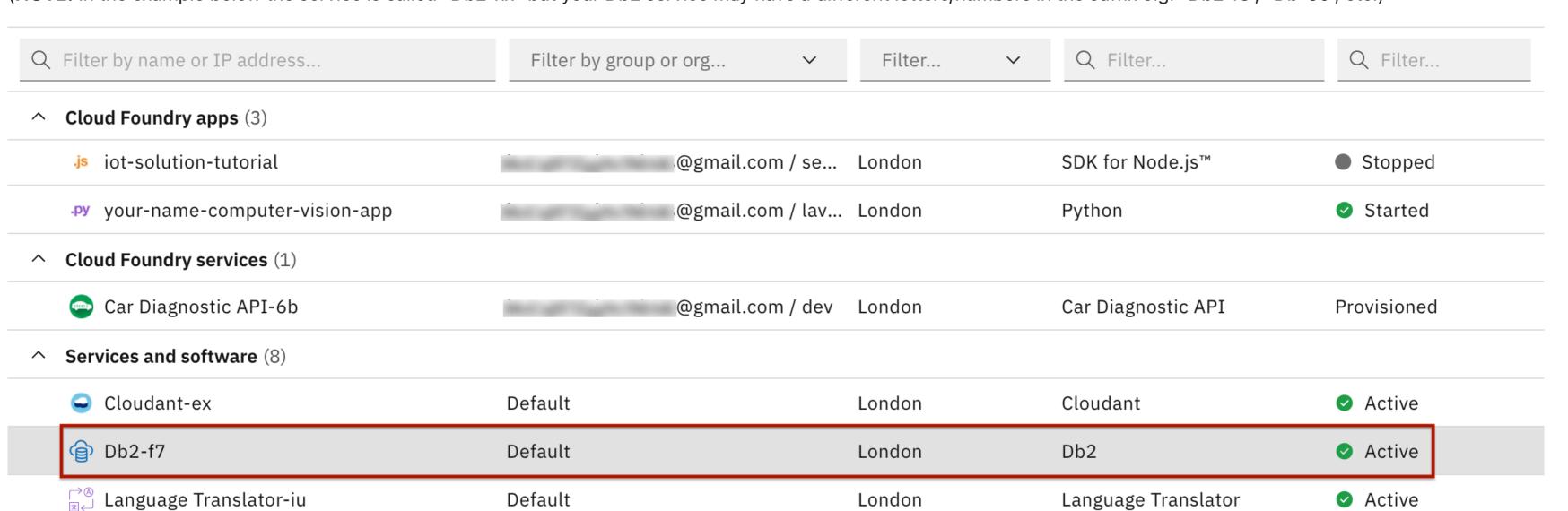
https://cloud.ibm.com/resources

Note: you may need to log into IBM Cloud in the process of loading the resources/dashboard.

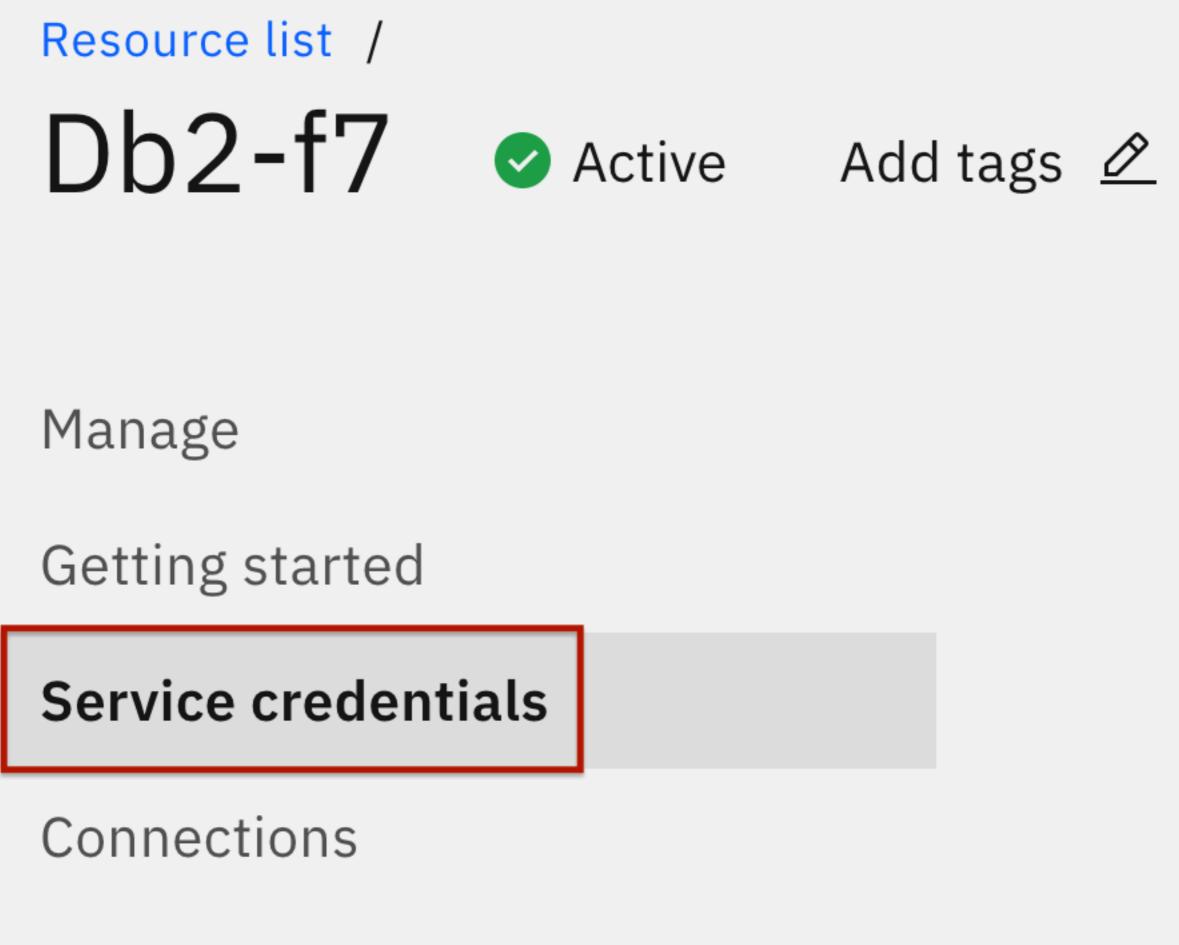
If your connection is slow it may take over 30 seconds for the dashboard to fully load.

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.)

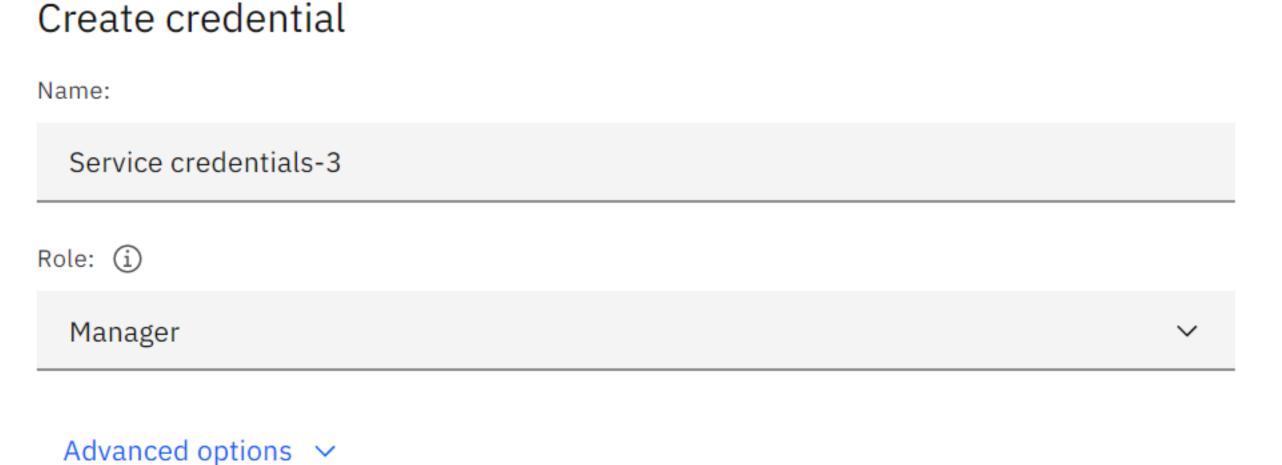


2. Click on Service Credentials in the left menu



3. Click on the button to create **New credential**





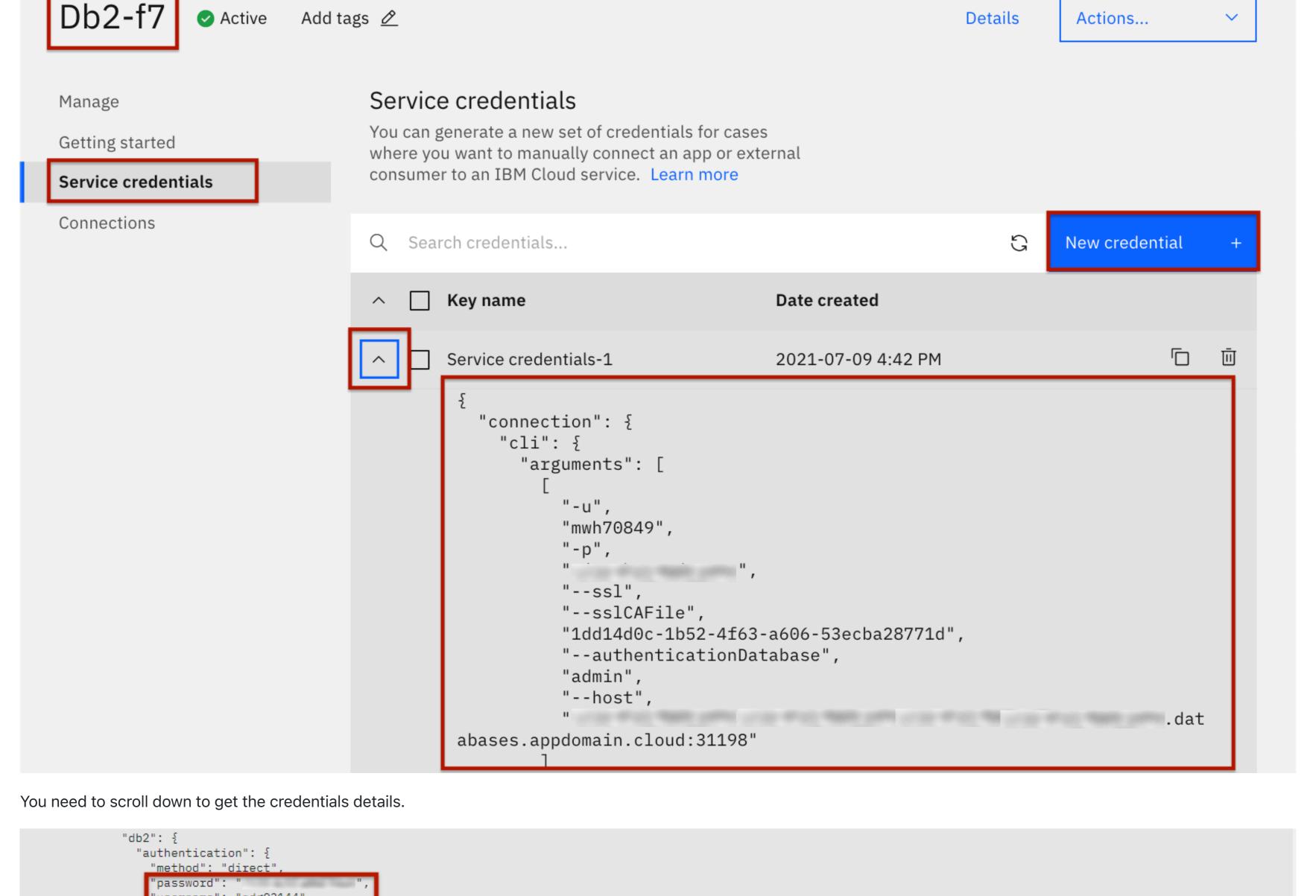
Cancel



Add

X

- **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
- Resource list /



"username": "qdg93144" "certificate": {

```
"certificate_base64": "LSOtLS1CRUdJTiBDRVJUSUZJQ0FURS0tLS0tCk1JSURFakNDQWZxZ0F3SUJBZ01KQVA1S0R3ZTNCTkxiTUEwR0NTcUdTSWIzRFFFQkN3VUFNQjR4SERBYUJnT1YKQkFNTUUwbEN
          UU0JEYkc5MVpDQkVZWFJoWW1GelpYTXdIaGN0TWpBd01qSTVNRFF5TVRBeVdoY05NekF3TWpJMgpNRFF5TVRBeVdqQWVNUnd3R2dZRFZRUUREQk5KUWswZ1EyeHZkV1FnUkdGMF1XSmhjM1Z6TU1JQk1qQU5CZ2txCmhra
          Uc5dzBCQVFFRkFBT0NBUThBTU1JQkNnS0NBUUVBdXUvbitpWW9xdkdGNU8xSGpEalpsK25iYjE4UkR4ZGwKTzRUL3FoUGMxMTREY1FUK0plRXdhdG13aGljTGxaQnF2QWFMb1hrbmhgSVF0MG01L0x5YzdBY291VXNmSGR
          0QwpDVGcrSUsxbjBrdDMrTHM3d1dTakxqVE96N3M3M1ZUSU5yYmx3cnRIRUlvM1JWTkV6SkNHYW5LSXdZMWZVSUtrCldNM1R0SD15cnFsSGN0Z2pIU1FmRkVTRm1YaHJi0DhSQmd0amIva0xtVGpCaTFBeEVadWNobWZ2Q
          VRmNENOY3EKY21QcHNqdDBPTnI0YnhJMVRyUWxEemNiN1hMSFBrWW91SUprdnVzMUZvaTEySmRNM1MrK3labFZPMUZmZkU3bwpKMjhUdGJoZ3JGOGtIU0NMSkJvTTFSZ3FPZG90Vm5Q0C9E0WZhamNNN01Wd2V4a01S0TN
          KR1FJREFRQUJvMU13C1VUQWRCZ05WSFE0RUZnUVV1Q3JZanFJQzc1VUpxVmZEMDh1ZWdqeDZiUmN3SHdZRFZSMGpCQmd3Rm9BVWVDc1kKanFJQzc1VUpxVmZEMDh1ZWdqeDZiUmN3RHdZRFZSMFRBUUgvQkFVd0F3RUIve
          kFOQmdrcWhraUc5dzBCQVFzRgpBQU9DQVFFQUkyRTBU0Ut3M1N3RjJ2MXBqaHV4M01kWWV2SGFVSkRMb0tPd0hSRnFSOHgxZ2dRcGVEcFBnMk5SCkx3R08yek85SWZUMmhLaWd1d2orWnJ5SGxxcH1xQ0pL0HJEU28xZUV
          PekIyWmE2S1YrQTVscEttMWdjV3VHYzMKK1UrVTFzTDd1Ujd3ZFFuVjU0TVU4aERvNi9sVHRMRVB2Mnc3V1NPS1FDK013ejgrTFJMdjVHSW5BN1JySWNhKwozM0wxNnB4ZEttd1pLYThWcnBnMXJ3QzRnY3d1YUhYMUNEW
          E42K0JIbzhvWG5YWkh6UG91cldYS1BoaGdXZ2J5CkNDcUdIK0NWNnQ1eFg3b05NS3VNSUNqRVZndnNLWnRqeTQ5VW5iNVZZbHQ0b1J3dTF1bGdzRDNjek1tbj1LREQKNHB1REFvYTZyMktZZE4xVkxuN3F3VG1TbD1TU05
          RPTOKLSOtLS1FTkQgQOVSVE1GSUNBVEUtLSOtLQo=",
                  "name": "1cbbb1b6-3a1a-4d49-9262-3102a8f7a7c8"
                "composed": [
                  "db2://qdg93144: @54a2f15b-5c0f-46df-8954-7e38e612c2bd.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud:32733/bludb?authSource=admin&replicaSet=r
          eplset"
                 "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
          on=true;"
                "noth": "/bludb"
Author(s)
```

Rav Ahuja

Simran Garg

Other Contributor(s)

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