



LAB: Provision an instance of IBM Db2 Lite plan

Lab Overview:

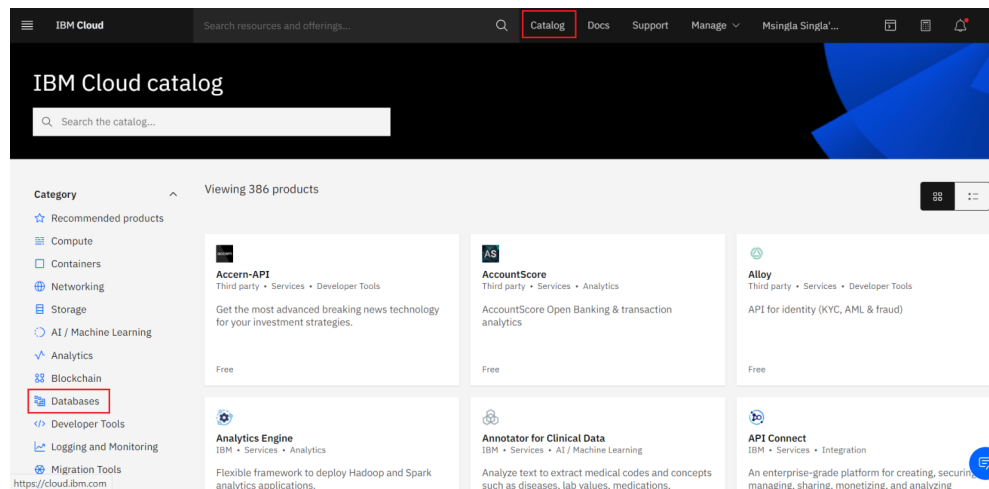
Now that you are familiar with various types of databases, you will provision an instance of a relational database on IBM Cloud. You will use this instance later in this course, and also in the other courses of this program. So, let's get started and provision an instance of IBM Db2 using your Lite account.

NOTE: IBM Cloud also provides variants of Db2, such as Db2 Hosted and Db2 Warehouse on Cloud. However, we will utilize the Db2 service for the lab in this course since it comes with a Lite plan, which is free to use.

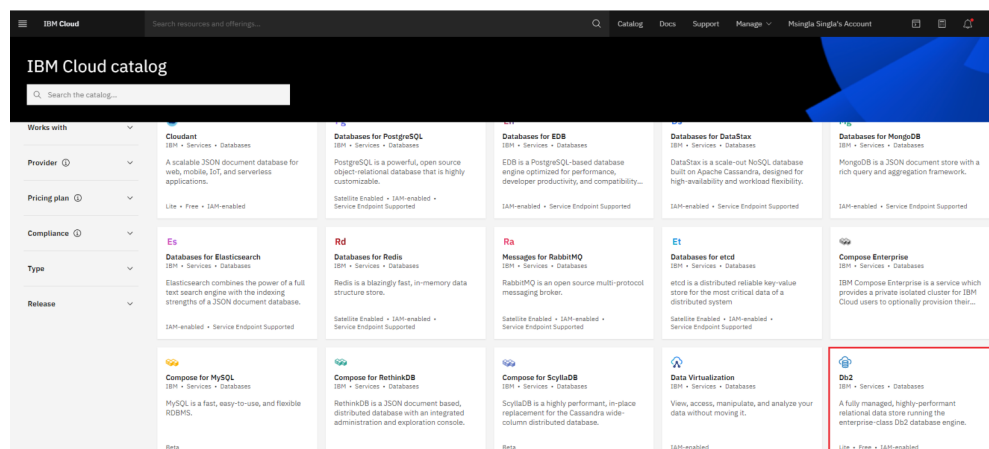
Estimated time needed: 10 minutes

Please follow the steps given below to provision your instance of IBM Db2 on Cloud.







1. Go to: [Log in to IBM Cloud](#) and log in using your credentials.
2. Click on the **Catalog** menu item and select **Services**. Scroll down and check the **Databases** box.



Scroll down and click on the tile for **Db2** service.




IMPORTANT: Make sure you choose **Db2** and NOT *Db2 Hosted* or *Db2 Warehouse*.

 <p>Db2 IBM • Databases</p> <p>A fully managed, highly-performant relational data store running the enterprise-class Db2 database engine.</p> <p>Lite • Free • IAM-enabled</p>		 <p>Db2 Hosted IBM • Databases</p> <p>Db2 Hosted: Offers customers the rich features of an on-premise Db2 deployment without the cost, complexity, and risk of managing their...</p>		 <p>Db2 Warehouse IBM • Databases</p> <p>A fully managed, elastic, cloud data warehouse built for high-performance analytics and machine learning.</p>	
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3. The **Create** tab will be active by default.

Note: Depending on the Country of your IBM Cloud Lite account, a region/location to deploy will be pre-selected. For example, if you are in the US, the default data center location will be Dallas. Users from the UK will see London, and so on. Please select either London or Dallas as your region to create DB2 lite plan. Lite plan is unavailable in other regions.

Catalog / Services /

 **Db2**

IBM • Date of last update: 12/03/2020 • Docs • API docs

Create About

Select a region

Select a region

Dallas

Select a pricing plan

Displayed prices do not include tax. Monthly prices shown are for country or region: [United States](#)

Plan	Features	Pricing
Lite	<p>200 MB of data storage</p> <p>15 simultaneous connections</p> <p>Shared multitenant system</p> <p>The Free plan provides a free Db2 service for development and evaluation. The plan has a set amount of limitations as shown. You can continue using the free plan for as long as needed, however, users are asked to re-extend their free account every 90 days by email. If you do not re-extend, your free account is cleaned out a further 90 days later. This helps provide free resources for everyone.</p> <p>Lite plan services are deleted after 30 days of inactivity.</p>	Free
Standard	<p>Instance with flexible scaling of compute and storage</p> <p>Base instance starts at 8 GB RAM x 20 GB Storage</p>	<p>\$0.136 USD/Instance-Hour</p> <p>\$0.00027 USD/Gigabyte-Hours</p> <p>\$0.097 USD/Virtual Processor Core-Hour</p> <p>\$0.00003 USD/BACKUP_GIGABYTE_HOURS</p> <p>\$0.0959 USD/SERVICEENDPOINT_INSTANCE_HOURS</p>
Enterprise	<p>Dedicated instance with flexible scaling of compute and storage</p> <p>Base instance starts at 4 vCPU x 16 GB RAM x 20 GB Storage</p> <p>Uses dedicated virtual machines</p>	<p>\$0.63 USD/Instance-Hour</p> <p>\$0.00027 USD/Gigabyte-Hours</p> <p>\$0.193 USD/Virtual Processor Core-Hour</p> <p>\$0.00003 USD/BACKUP_GIGABYTE_HOURS</p> <p>\$0.0959 USD/SERVICEENDPOINT_INSTANCE_HOURS</p>

4. Scroll down to **Select a pricing plan** and select the **Lite** plan. It is a free plan and does not require your credit card information.

Select a pricing plan

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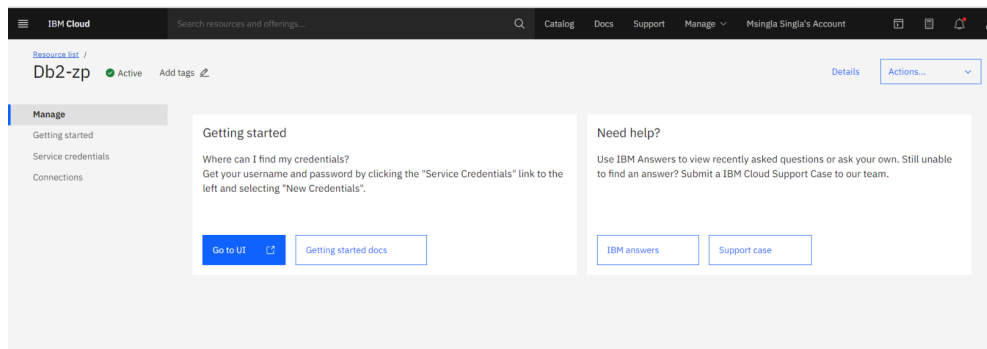
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5. Then click on the **Create** button on the bottom right of the page.



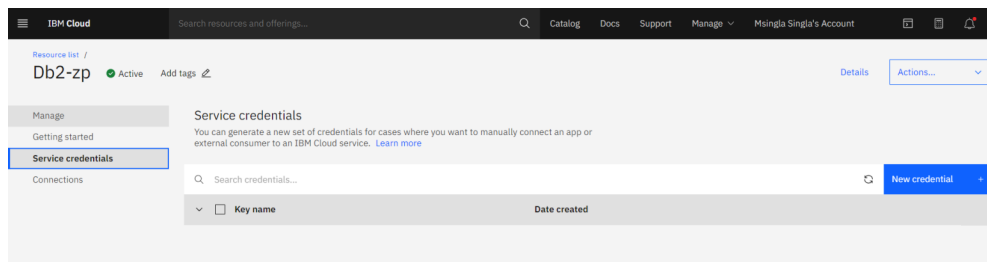
It will take a couple of seconds, and then you should be able to see the service page for your Db2 instance.

By default, the **Getting started** tab will be active.



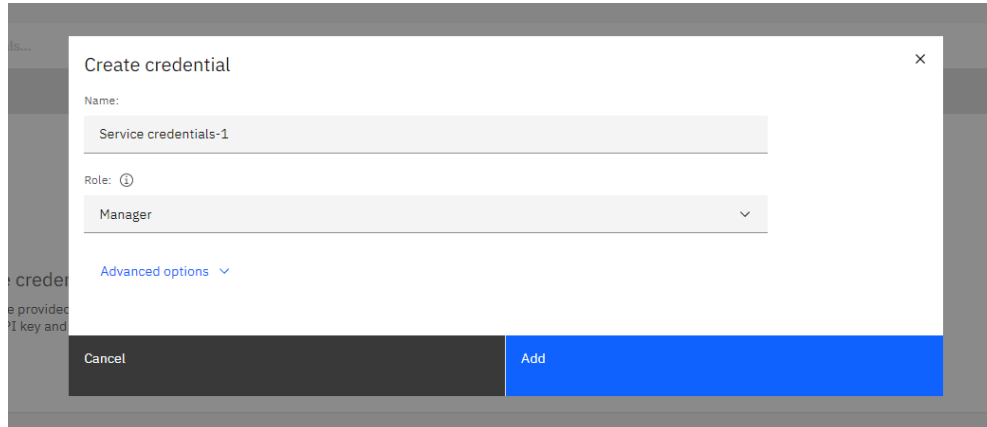
NOTE: The name of the Db2 service created in this exercise is **Db2-5q**. When you create your Db2 instance, the default name will be in the format Db2-xx, where xx can be any combination of letters or numbers.

6. Click on **Service credentials** and then on **New credential**.

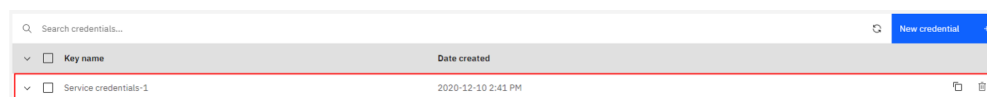


7. The **Create credential** dialog box will open with default values in the **Name** and **Role** fields. We suggest you keep the default names for purposes of this lab.

Click **Add** to create your credentials.



You will see a listing of your Db2 service credentials created with the key name **Service credentials-1**.



Congratulations! You have successfully created an instance of Db2 using your IBM Cloud Lite account.