Hands-on Lab: Create Db2 Service Instance

Estimated time needed: 15 minutes

From now on, the hands-on labs for this course require an environment for working with a relational database. To get you up and running quickly, we will do so on the Cloud, so you don't have to worry about downloading or installing anything; rather, simply access your database from your web browser. IBM Cloud provides a large number of Data and Analytics services, including IBM Db2, a next-generation SQL database.

> Note: If you have created a Db2 service instance in a previous lab, there is no need to do this lab. This is because you can create only one instance of Db2 under the Lite plan.

Objectives

After completing this lab, you will be able to:

- Create an instance of a Db2 service on IBM Cloud

Prerequisites

You will need an IBM Cloud account to do this lab. If you have not created one already, click on this link and follow the instructions to create an IBM Cloud account.

Task 1: Create an instance of IBM Db2 Lite plan

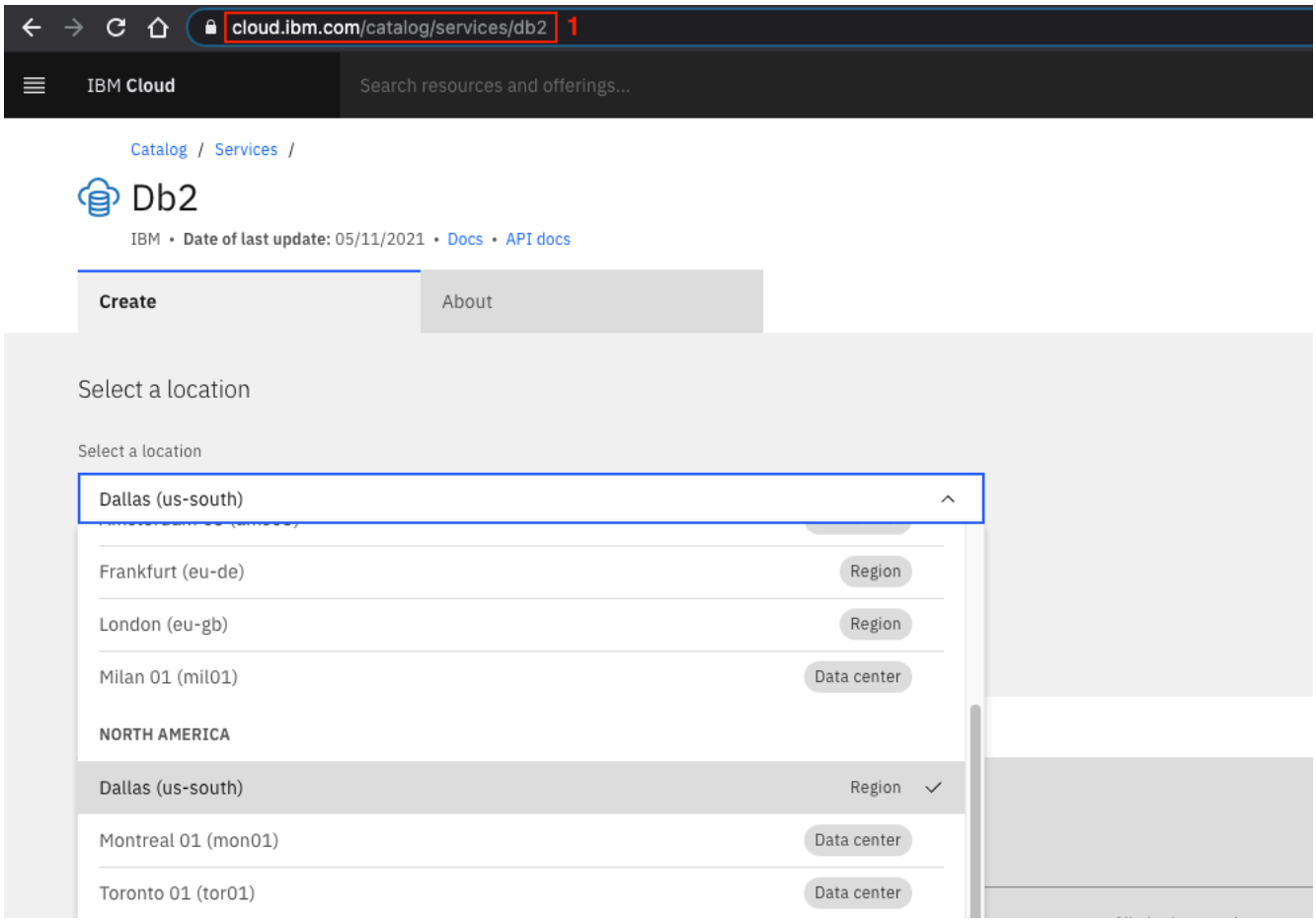
IBM Db2 is a next-generation SQL database provisioned for you in the cloud. You can use Db2 on IBM Cloud just as you would use any database software (RDBMS) but without the overhead and expense of hardware setup or software installation and maintenance. Among the service plans offered for Db2 on IBM Cloud is the Lite plan, which is free to use. You can use your database instance to store relational data, analyze data using a built-in SQL editor, or connect your own apps.

Note that IBM Cloud also provides other variants of Db2, such as Db2 Hosted and Db2 Warehouse on Cloud, which is also referred to in this course. However, for the labs in this course, you will use the Db2 service since it comes with a Lite plan, which is free to use.

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

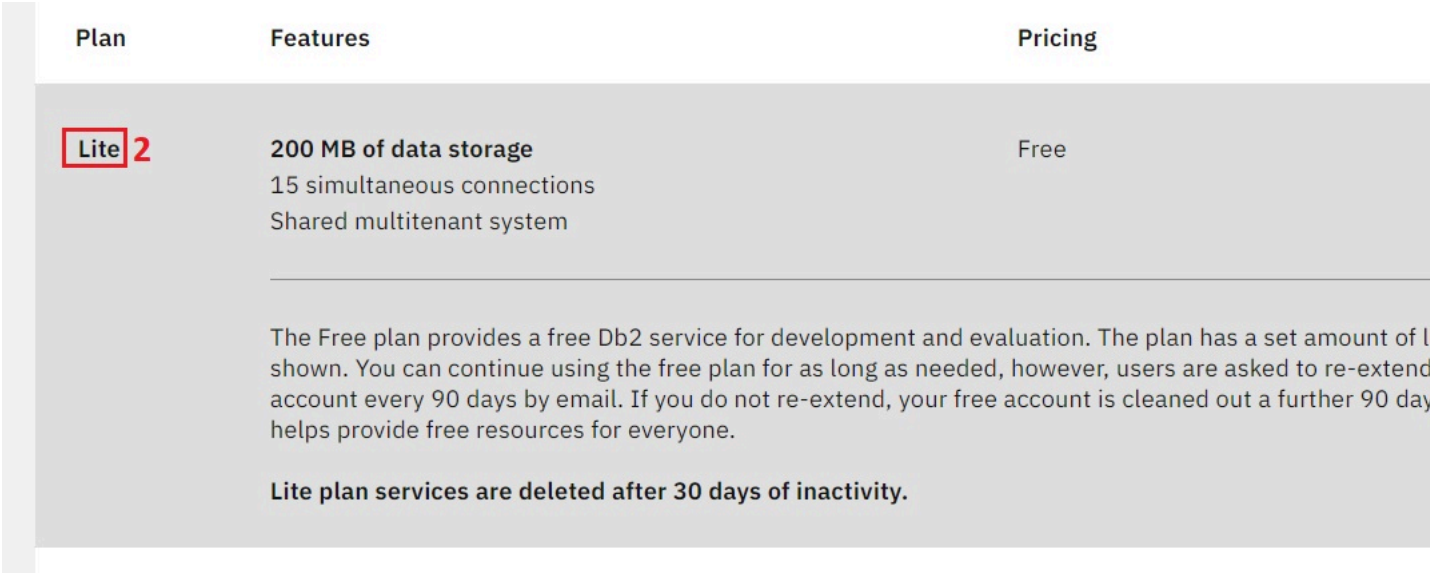
1. Login to IBM Cloud
2. Go to the DB2 Services page on IBM Catalog.
3. Select a location where you want the service to be hosted.

   Note: Depending on the Country of your IBM Cloud account, a location to deploy will be pre-selected. For example, if you are in the US, the default region will be Dallas. Users from the UK will see London and so on. Select either **DALLAS** or **LONDON** as the location. Make sure a **Region** is selected as the location, not a **Data center.**



4. Scroll down to the Pricing Plans section and select the **Lite plan** (it's a free plan, and available only in **DALLAS** and **LONDON** at this point of time) or any other plans as required.

5. Then click on the **Create** button towards the lower-right of the page. It will spin for a few seconds (typically less than 30s) and then you should see a Service Created message indicating that your instance of Db2 was created successfully.



Conclusion

Congratulations! You have completed this lab, and you have created an instance of a Db2 service on IBM Cloud.

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