



## 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.



**IBM Cloud**

## Objectives

After completing this lab, you will be able to:

- Create an instance of a Db2 service on IBM Cloud

## Pre-requisites

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 by connecting 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, we will utilize 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.

Plan	Features	Pricing
<b>Lite</b> 2	<p>200 MB of data storage</p> <p>15 simultaneous connections</p> <p>Shared multitenant system</p>	Free
<p>The Free plan provides a free Db2 service for development and evaluation. The plan has a set amount of limit shown. You can continue using the free plan for as long as needed, however, users are asked to re-extend the account every 90 days by email. If you do not re-extend, your free account is cleaned out a further 90 days later to help provide free resources for everyone.</p> <p><b>Lite plan services are deleted after 30 days of inactivity.</b></p>		

**Congratulations! You have completed this lab, and you are ready for the next topic.**

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## Changelog

Date	Version	Changed by	Change Description
23-08-2022	2.4	Appalabhaktula Hema	Updated instructions
20-10-2021	2.3	Lakshmi Holla	Cloud account creation updates
06-05-2021	2.2	Lavanya	Added detailed steps for cloud account creation
23-12-2020	2.1	Steve Ryan	ID Review
07-12-2020	2.0	Sandip Saha Joy	Created revised version from DB0201EN
06-03-2020	1.0	Rav Ahuja	Created initial version

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