Hands-on Lab: Create an instance of IBM Cloudant

Skills Network

Estimated time needed: **10** minutes

Objectives

In this lab you will:

- Create an instance of IBM Cloudant
- Create Cloudant service credentials, which provide you with access to modify the instance
- Retrieve your API key, username, password and URL for future use

Exercise 1 - Log in to IBM Cloud

You need an IBM Cloud account to work with IBM Cloudant.

If you do not have an account, you can sign up for one using the instructions here.

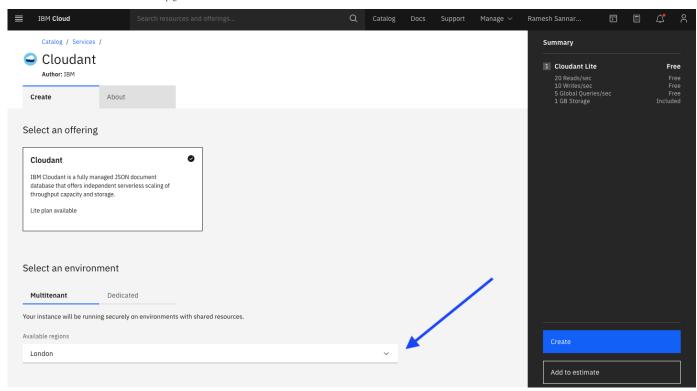Step 1: Navigate to cloud.ibm.com.

Step 2: Login using your IBM cloud credentials.

You will land on the the Cloud Dashboard page.

Exercise 2 - Create an IBM Cloudant instance

Step 1: Click on cloud.ibm.com/catalog/services/cloudant to create a Cloudant instance.

Or you can alternatively click on `Create Resource`, search for Cloudant on the Dashboard page.
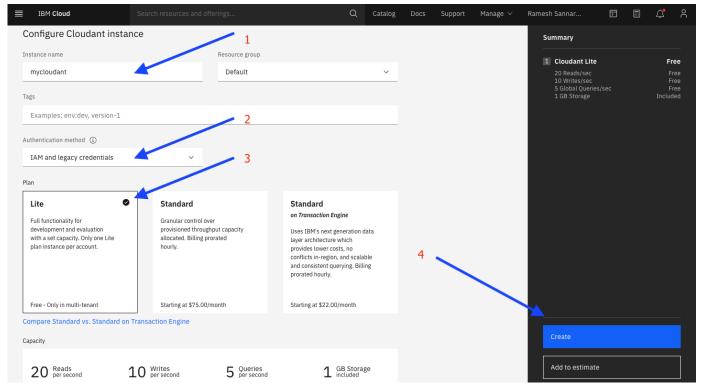
You will be taken to the Cloudant instance creation page.

Step 2: Select the region under the "Available regions".

It is OK to go with the default option, if you cannot figure out which region to choose.

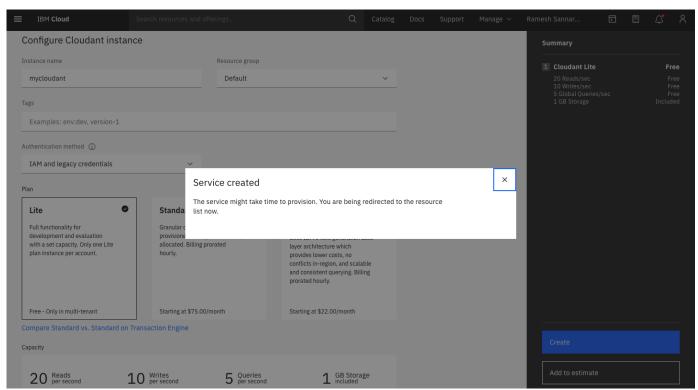Step 3: Scroll down to configure Cloudant instance.

Step 4: Set your instance name to `mycloudant` or anything else that you prefer.

Step 5: Authentication Method is a critical setting. Select "IAM and legacy Credentials" as your Authentication Method. If you choose any other Authentication Method, some labs will not work.

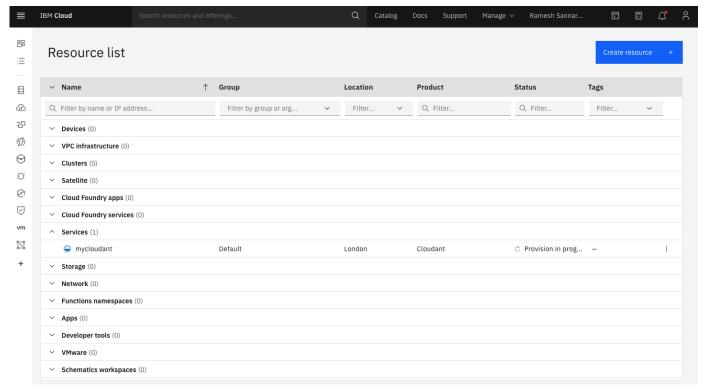Step 6: Select the **Lite** plan.

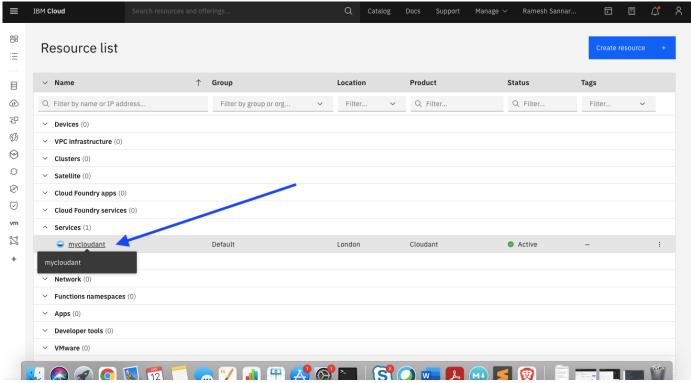Step 7: Click on `Create`

You should see a screen like this

Your Cloudant service will be created and you will be redirected to the Resource list page.

Step 8: If you are not redirected, you can click on this link cloud.ibm.com/resources?groups=resource-instance

You may see a screen like this, indicating the Provision in progress.

Step 9: Wait till the status turns 'Active' and click on `mycloudant` or your custom instance name.
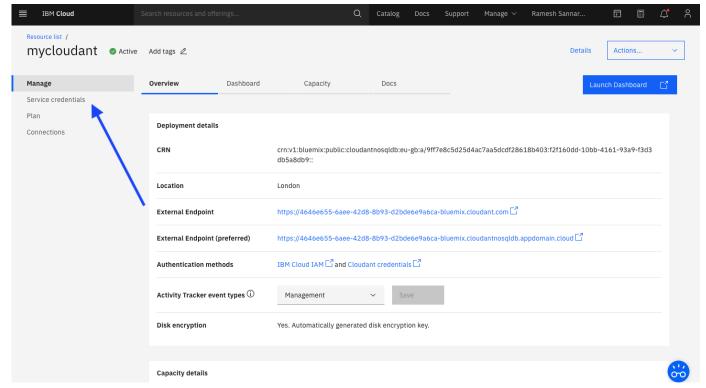

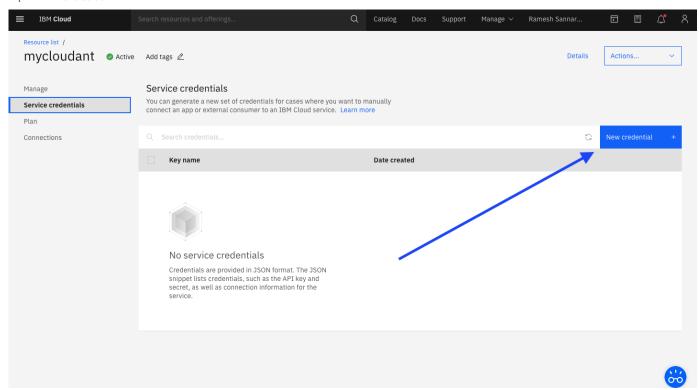You will be taken to the Cloudant instance page.

You have successfully created the Cloudant instance.
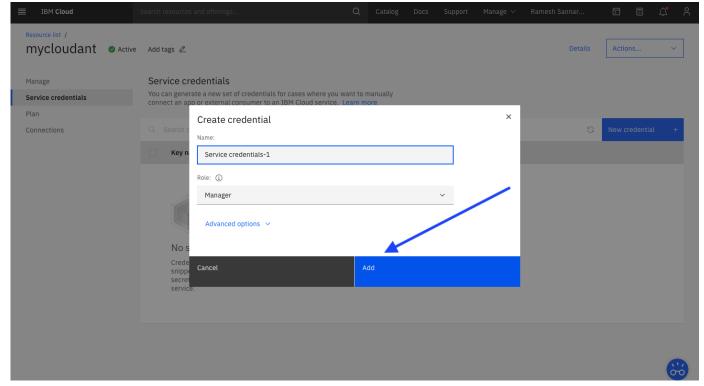
Exercise 3 - Create Cloudant Service credentials

Step 1: On the Cloudant instance page, click on `Service Credentials`
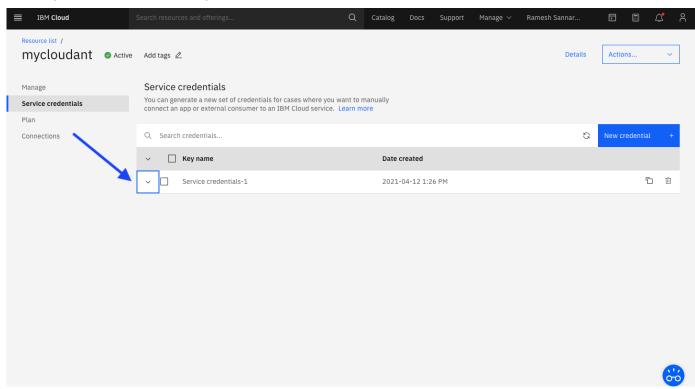
Step 2: Click on `New Credential`.

Step 3: Create credential pop up appears. Accept the default values for Name and Role and click on `Add`
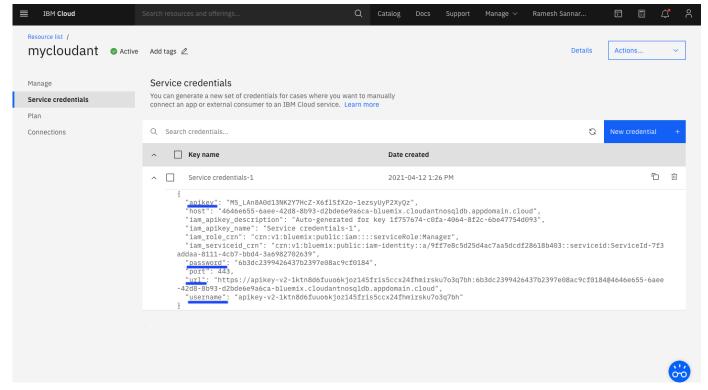
Step 4: Your Cloudant Service credentials will be created. Click on the chevron to view the credentials.

DO NOT attempt to use the credentials shown here. These are expired credentials.

Step 5: You will be using the username, password and url in the next labs.

You have successfully created a Cloudant instance and Service credentials for your instance.

Note: If you do not see the password field in your credentials, it is because in Exercise 2, Step 5 you have not selected "IAM and legacy credentials". You can fix it by deleting your current Cloudant instance and following this lab from the beginning to create a new instance of Cloudant.

Authors

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Change Log

Date (YYYY-MM-DD)	Version	Changed By	Change Description
2021-10-25	0.4	Kathy An	Updated learning objectives
2021-04-28	0.3	Steve Ryan	Changed IBM cloud links to markdown format
2021-04-13	0.2	Steve Ryan	Review pass
2021-04-8	0.1	Ramesh Sannareddy	Created initial version of the lab