

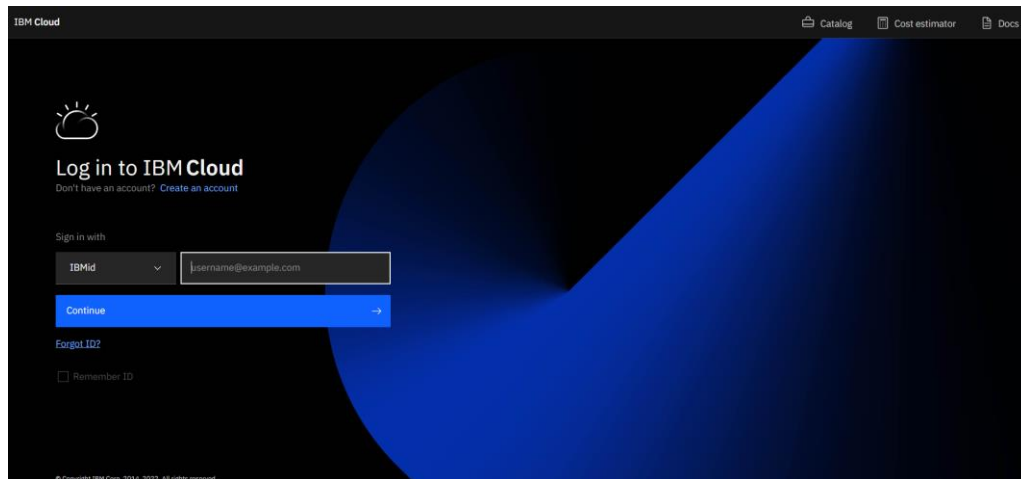
# Create and Configure IBM Cloud Services

## Create a Database in Cloudbant DB

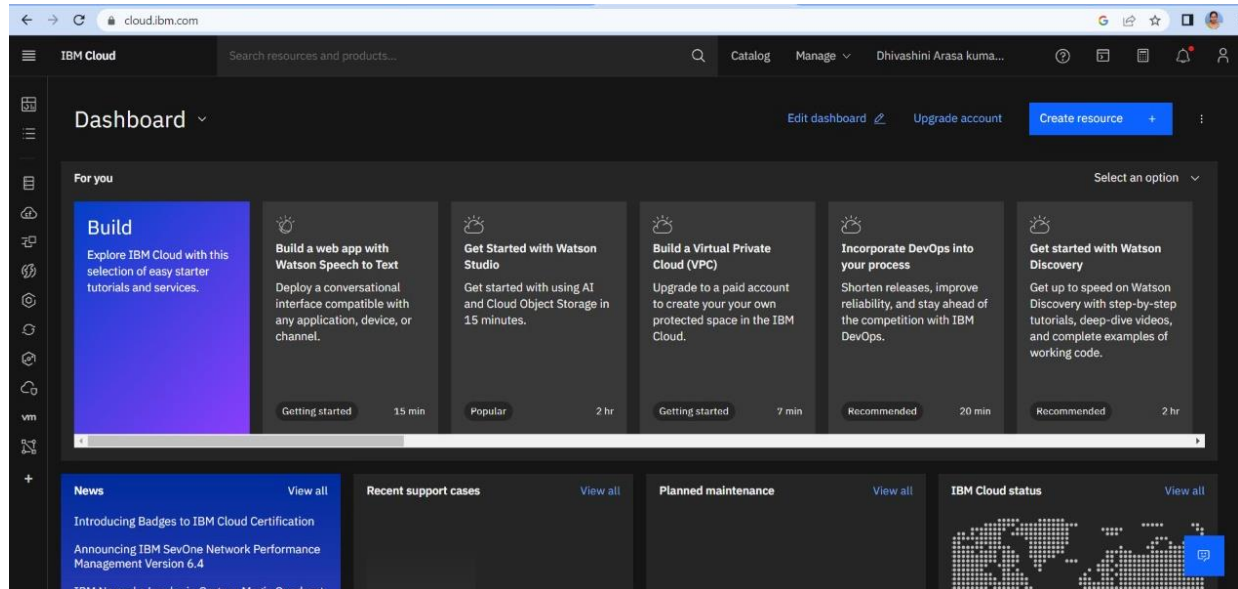
Date	04 November 2022
Team ID	PNT2022TMID12751
Project Name	IoT Based Smart Waste Management System For Metropolitan Cities

### STEPS:

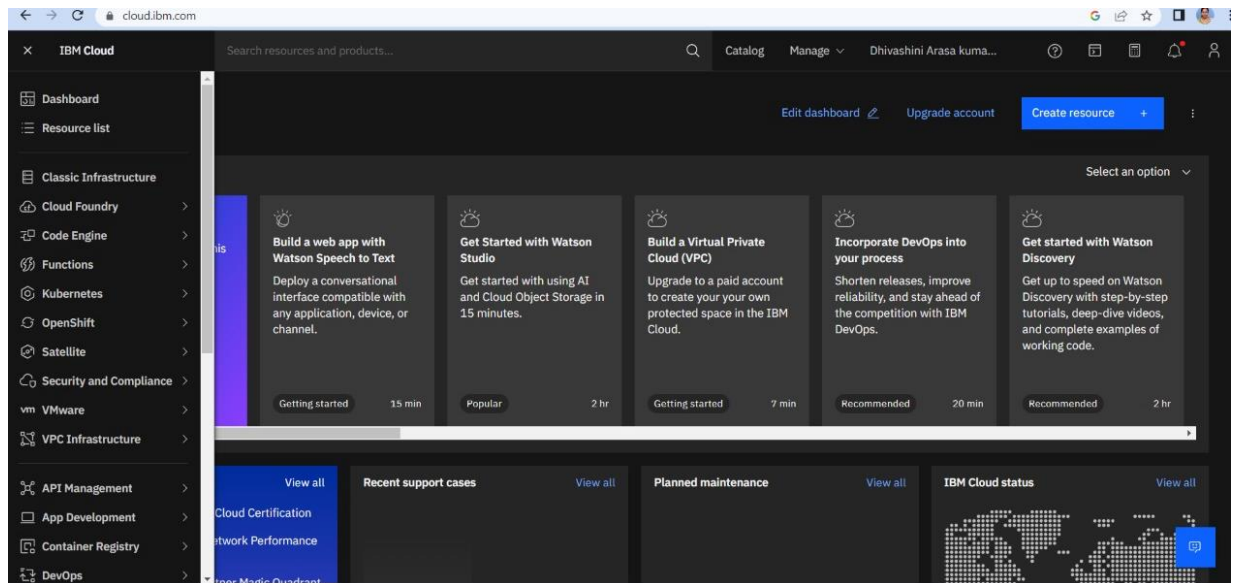
Create an IBM account with the given IBM credentials



## Home page of the IBM Cloud



Click Create Resource + button



Search Cloudant in Catalog and choose the Lite version, then Click Launch Dashboard

Cloudant

A scalable JSON document database for web, mobile, IoT, and serverless applications.

Create About

Select an offering

**Cloudant**

IBM Cloudant is a fully managed JSON document database that offers independent serverless scaling of throughput capacity and storage.

Lite plan available

Select an environment

Multitenant Dedicated

Your instance will be running securely on environments with shared resources.

Available regions

Sydney

Summary

Cloudant Lite	Free
20 Reads/sec	Free
10 Writes/sec	Free
5 Global Queries/sec	Free
1 GB Storage	Included

Create

Add to estimate

node-red-ukcsw-2022--cloudant-1668321186742

Active Add tags

Details Actions...

Manage Overview Capacity Docs

Service credentials Plan Connections

Deployment details

CRN crm:v1:bluemix:public:cloudantnosqldb:eu-de:a/48813e1a33534a85b1b84d63923ec148:03cbb:77-cbb3-43a0-862f-726d6b4f1c44::

Location Frankfurt

External endpoint <https://647a6623-a9ef-4c6c-a896-7e197a832b03-bluemix.cloudant.com>

External endpoint (preferred) <https://647a6623-a9ef-4c6c-a896-7e197a832b03-bluemix.cloudantnosqldb.appdomain.cloud>

Authentication methods IBM Cloud IAM and Cloudant credentials [Migrate to IAM Only](#)

Activity Tracker event types Management Save

Disk encryption Yes. Automatically generated disk encryption key.

Authentication method IAM

Plan

**Lite**

Full functionality for development and evaluation with a set capacity. Only one Lite plan instance per account.

Free - Only in multi-tenant

**Standard**

Granular control over provisioned throughput capacity allocated. Billing prorated hourly.

Starting at \$75.00/month

Capacity

20 Reads per second 10 Writes per second 5 Queries per second 1 GB Storage included

Cost calculator

Summary

Cloudant Lite	Free
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Create

Add to estimate

Then Create database with a desired name in Non – Partitioned option. Thus a database is successfully created

Database name

Create Database

{ } JSON

Your Databases

Name	Size	# of Docs	Partitioned	Actions
nodereducsw20221113	21.1 KB	4	No	<div></div> <div></div> <div></div>

Showing 1–1 of 1 databases. Databases per page 20