CREATE A DATABASE IN CLOUDANT

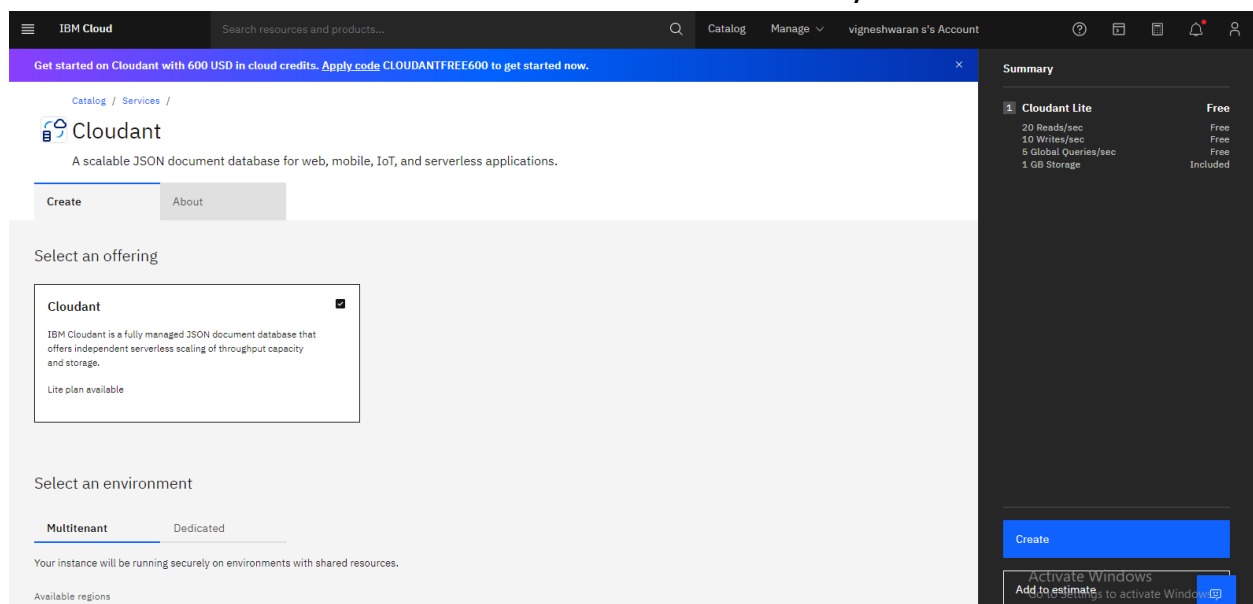| DATE	16 NOVEMBER 2022
TEAM ID	PNT2022TMID21596
PROJECT NAME	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES
TEAM MEMBERS	**VIGNESHWARAN S(Team leader)** SAMBATH N SANJAI P SURESH KUMAR M

Create A Database in Cloudant :

Aim:

To create a database in Cloudant to store the location of data.

Steps to be followed:

i.   Log in to IBM Cloud account.

ii.   Navigated to `./resources`.

iii.   Clicked on the "Create Resource +" button.

iv.   Searched for "Cloudant".

v. Chose the "Lite Version" and clicked on "Create".

1. The Cloudant database resources is created successfully

Tags

Examples: env:dev, version-1

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

☰ IBM Cloud   Search resources and products...   🔍   Catalog   Manage ▾   vigneshwaran s's Account   ⓘ ▣ ▤ 🔔 👤

Resource list /
Cloudant-nc ● Active   Add tags ✎   Details   Actions... ▾

| Manage | Overview | Capacity | Docs | Launch Dashboard ↗

Service credentials
Plan   **Deployment details**
Connections
                        CRN   crn:v1:bluemix:public:cloudantnosqldb:eu-gb:a/7422b8614a6a4d7b9d002eb6c426798d:3946f5d8-d3bd-4407-bcbf-53baf949ea44::

                        Location   London

                        External endpoint   https://6fd12da9-4280-45ca-a783-94e47c70bba6-bluemix.cloudant.com ↗

                        External endpoint (preferred)   https://6fd12da9-4280-45ca-a783-94e47c70bba6-bluemix.cloudantnosqldb.appdomain.cloud ↗

                        Authentication methods   IBM Cloud IAM ↗

                        Activity Tracker event types ⓘ   Management ▾   Save

                        Disk encryption   Yes. Automatically generated disk encryption key.

                        Capacity details

2.Clicked on Launch Dashboard

Databases   Database name ▾   🗄 Create Database   { } JSON   📖   🔔

Your Databases

Name	Size	# of Docs	Partitioned	Actions

Log Out   Showing 1–0 of 0 databases.   Databases per page   20 ▾   « 1 »
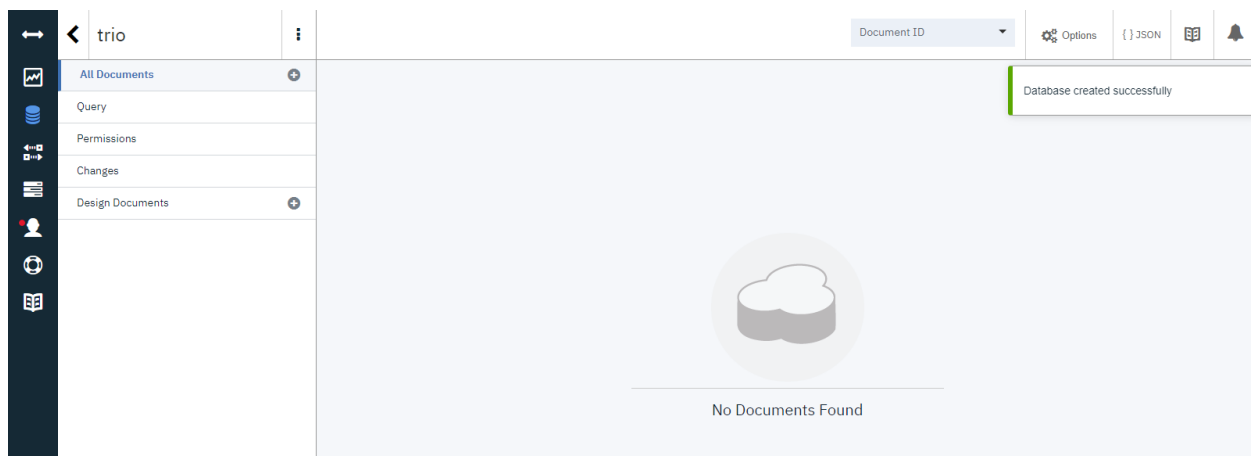
3.Clicked on "Create Database". Entered "meowman" as the database name and the "Non-partitioned" option.

• • •

4.The database "meowman" was created successfully.

Result:

A database to store the location data was created successfully on Cloudant database.