

## CREATE A DATABASE IN CLOUDANT DB

Team Id: PNT2022TMID49734

Project Title: Gas Leakage Monitoring & Alerting System

### Create A Database In Cloudant DB.

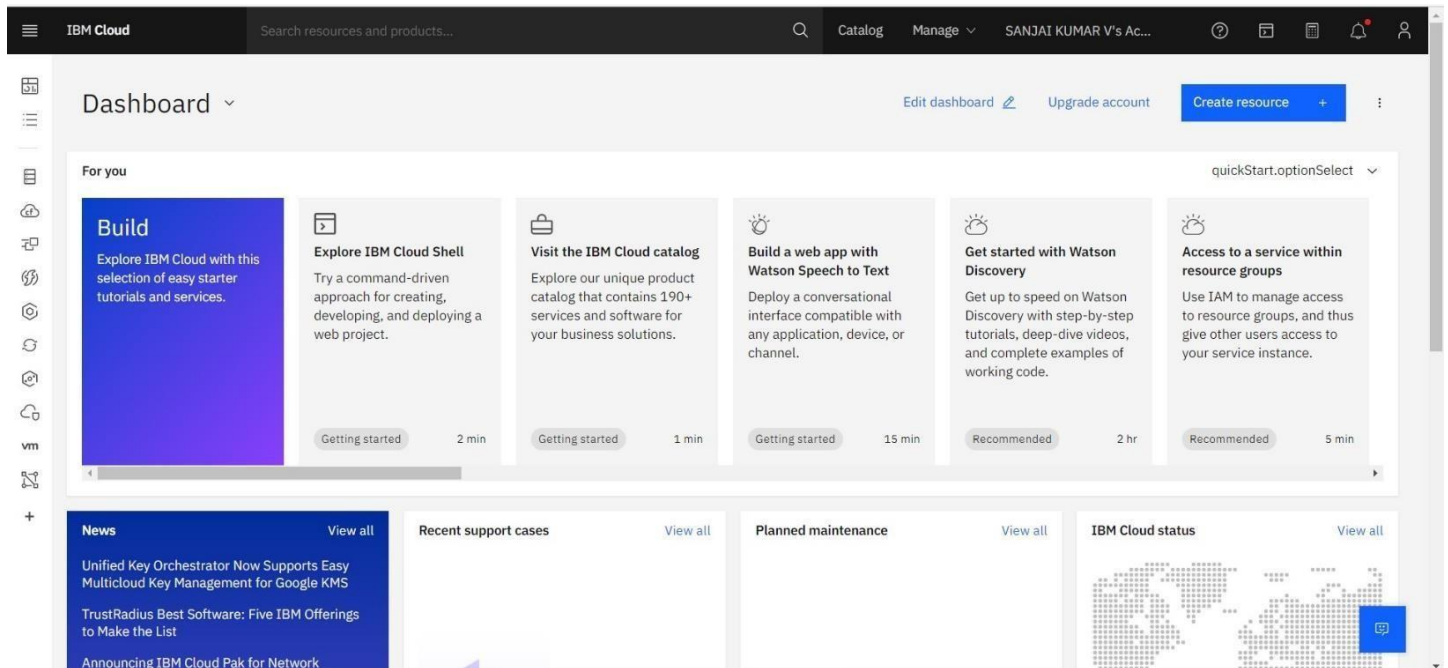
**Aim:** To create a database in Cloudant DB to store location data.

Steps followed:

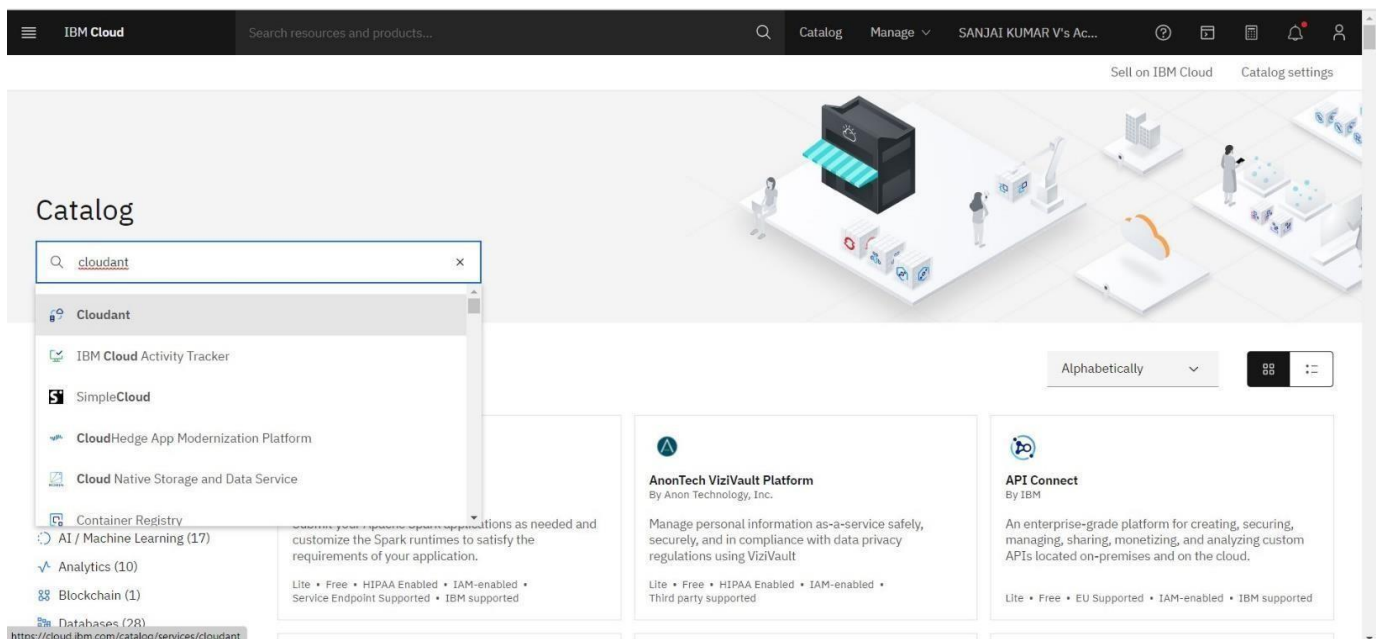
- Logged in to IBM Cloud account.



- Clicked on the “Create Resource +” button.



- Searched for “Cloudant”.



- Chose the “Lite Version” and clicked on “Create”.

IBM Cloud

Search resources and products...

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Multitenant Dedicated

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

Available regions

London

Configure Cloudant instance

Instance name: Cloudant-53

Resource group: Default

Tags: Examples: env:dev, version-1

Authentication method: IAM

Plan: Lite (selected), Standard

Summary

1 Cloudant Lite Free

20 Reads/sec Free

10 Writes/sec Free

5 Global Queries/sec Free

1 GB Storage Included

Create

Add to estimate

- The Cloudant database resource was created successfully

Resource list / Cloudant-su Active Add tags

Details Actions...

Manage Overview Capacity Docs

Launch Dashboard

Service credentials

Plan

Connections

Deployment details

CRN: crn:v1:bluemix:public:cloudantnosqldb:eu-gb:a/5c66f7e635c146c88e1993bc467588db:f6e0637b-456e-420b-a23c-d54022e5d316::

Location: London

External endpoint: https://31fe1682-0f7f-4f8d-ac7b-6a63971257b5-bluemix.cloudant.com

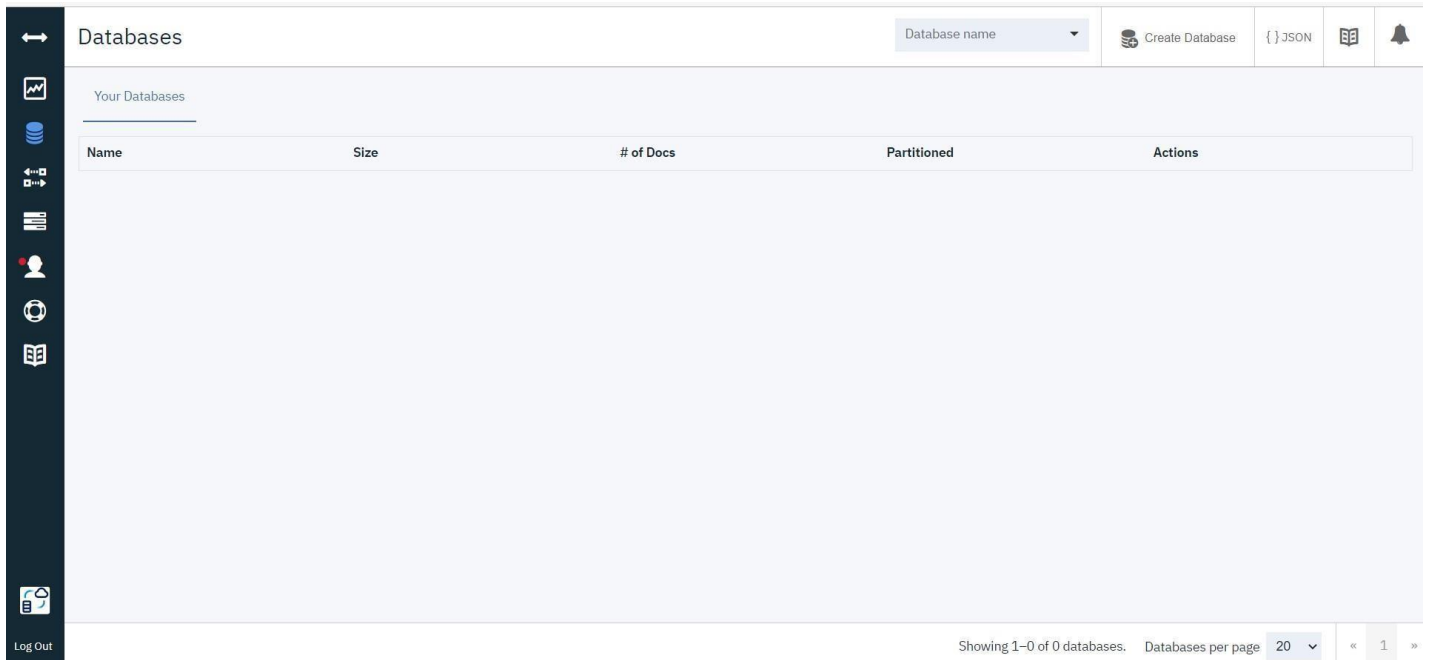
External endpoint (preferred): https://31fe1682-0f7f-4f8d-ac7b-6a63971257b5-bluemix.cloudantnosqldb.appdomain.cloud

Authentication methods: IBM Cloud IAM

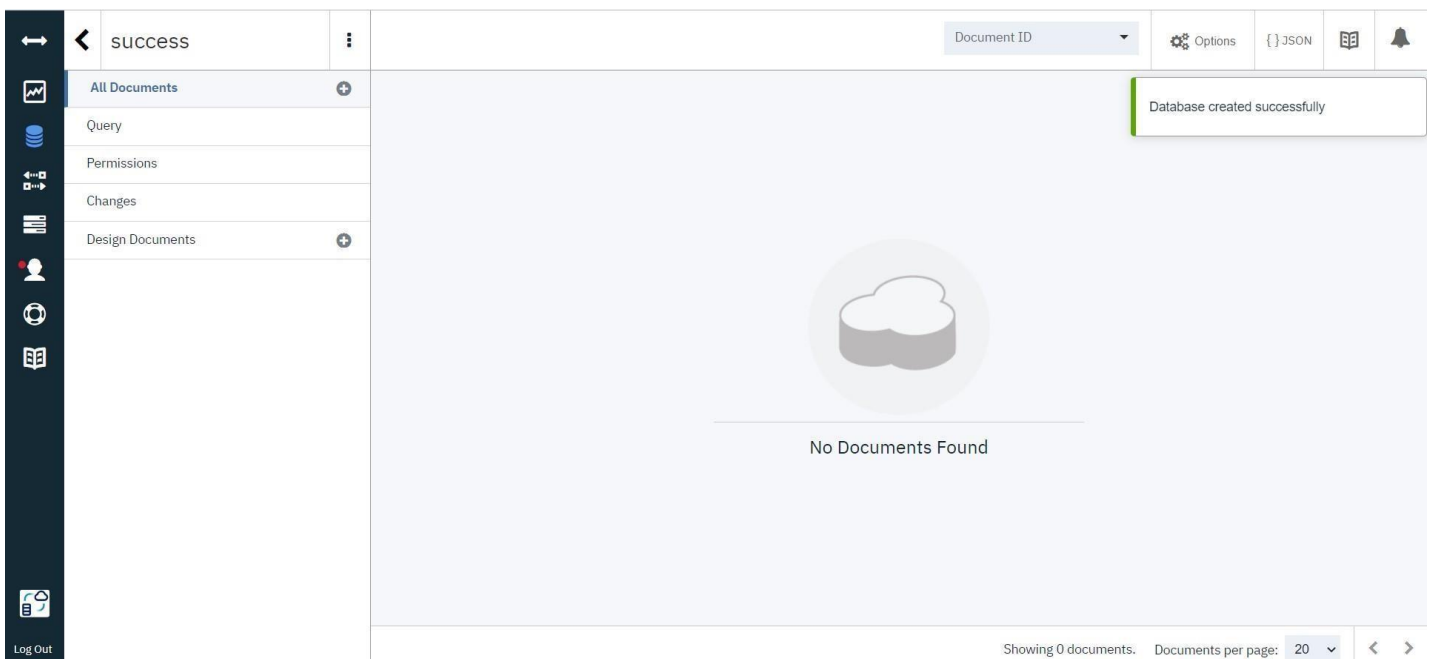
Activity Tracker event types: Management Save

Disk encryption: Yes. Automatically generated disk encryption key.

- Clicked on Launch Dashboard



- Clicked on “Create Database”. Entered “success” as the database name and the “Non-partitioned” option.
- Database is created successfully.



...

## Result:

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

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