

## CREATE A DATABASE IN CLOUDANT DB

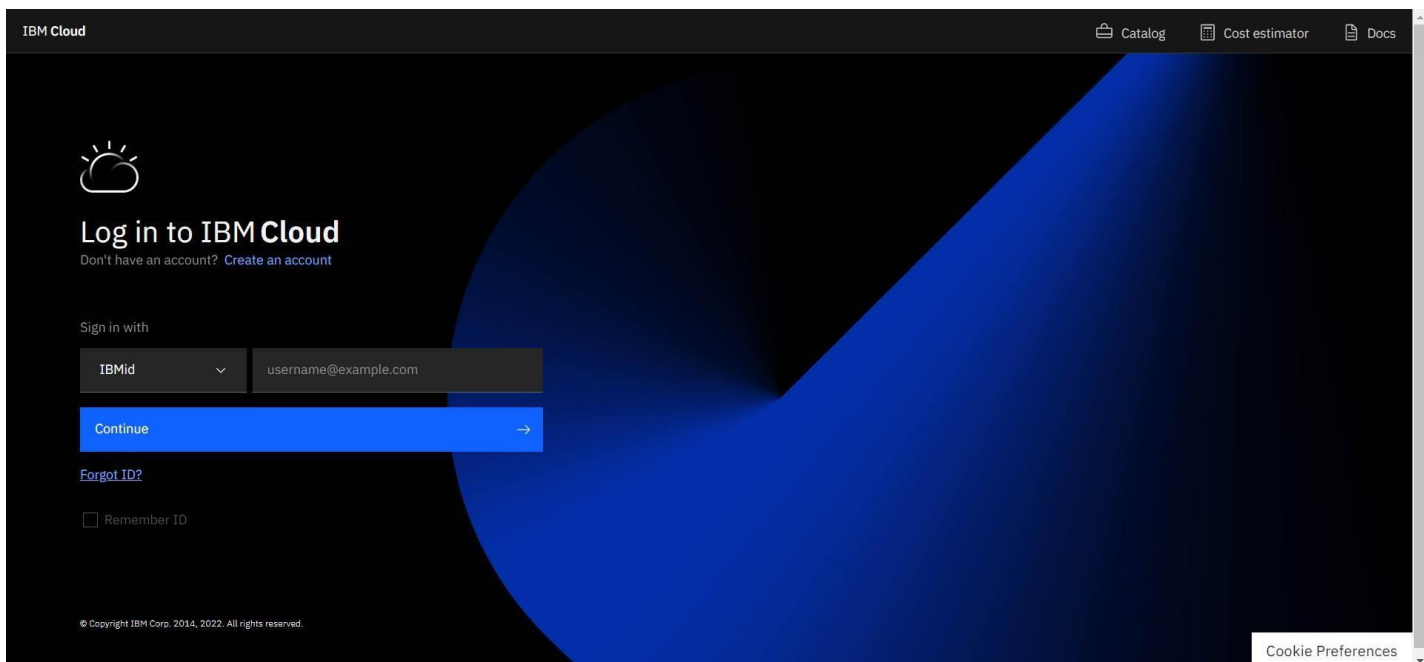
Date	08 November 2022
Team ID	PNT2022TMID18315
Project Name	Gas leakage monitoring and alerting system for industries

### Create A Database In Cloudant DB.

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

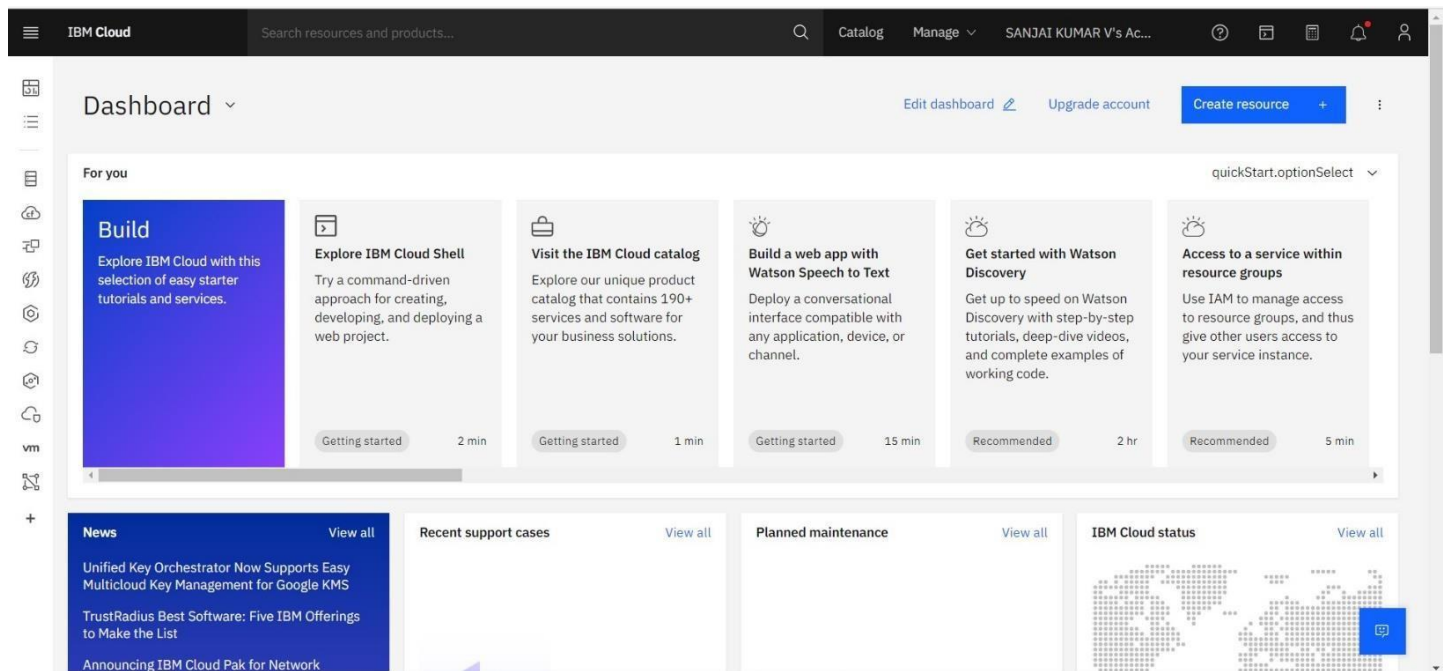
Steps followed:

- Logged in to IBM Cloud account.

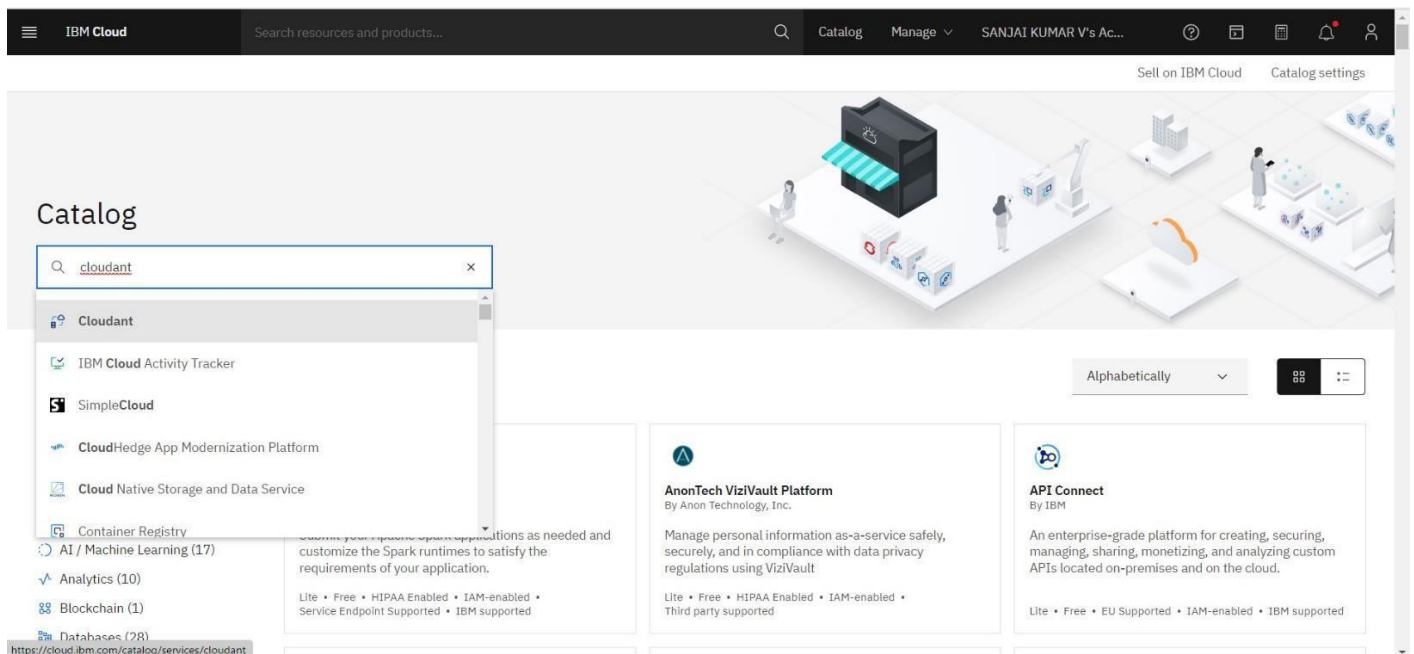


...

- Clicked on the “Create Resource +” button.



- Searched for “Cloudant”.



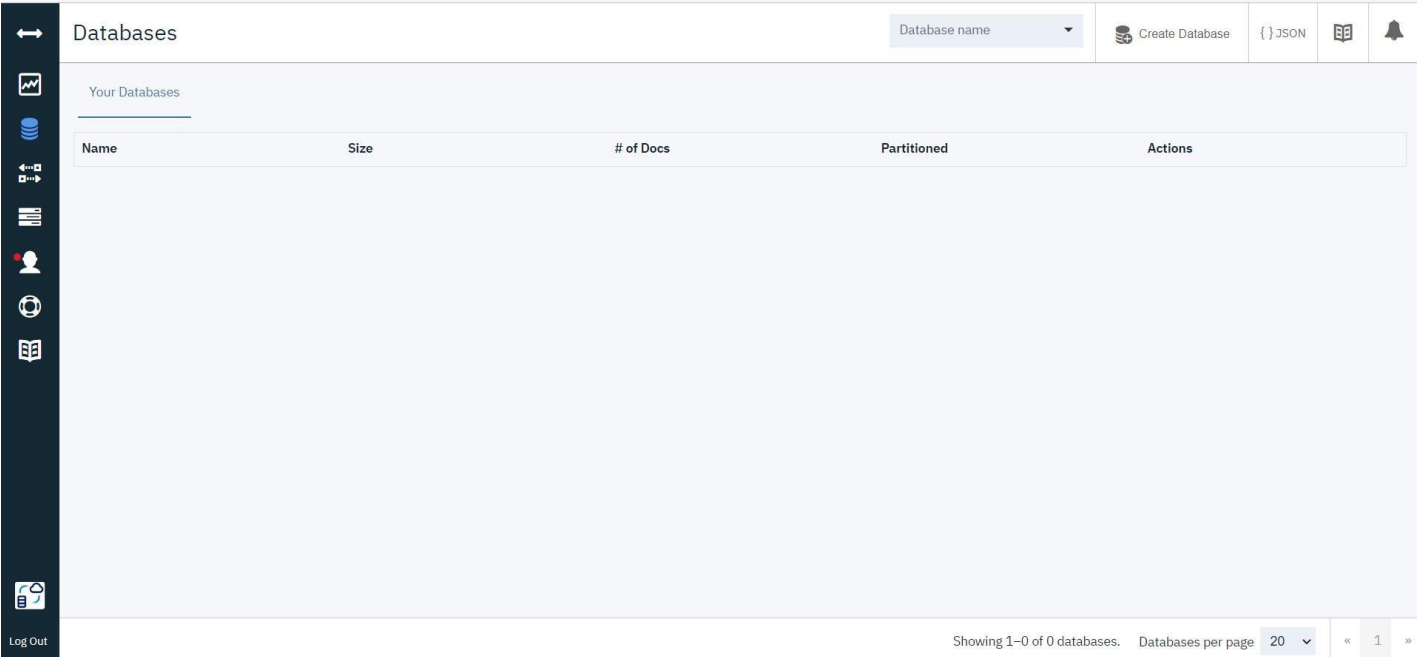
- Chose the “Lite Version” and clicked on “Create”.

The screenshot shows the IBM Cloud console interface for creating a new Cloudant instance. The top navigation bar includes the IBM Cloud logo, a search bar, and user information. The main content area is divided into two sections: 'Multitenant' and 'Dedicated'. The 'Multitenant' section is active, showing a message: 'Your instance will be running securely on environments with shared resources.' Below this, there's a dropdown for 'Available regions' set to 'London'. The 'Configure Cloudant instance' section contains fields for 'Instance name' (Cloudant-53), 'Resource group' (Default), 'Tags' (Examples: env:dev, version-1), 'Authentication method' (IAM), and 'Plan' (Lite selected, Standard unselected). A 'Summary' sidebar on the right lists the instance details: '1 Cloudant Lite', 'Free', '20 Reads/sec', '10 Writes/sec', '5 Global Queries/sec', and '1 GB Storage'. At the bottom of the sidebar are buttons for 'Create' and 'Add to estimate'.

- The Cloudant database resource was created successfully

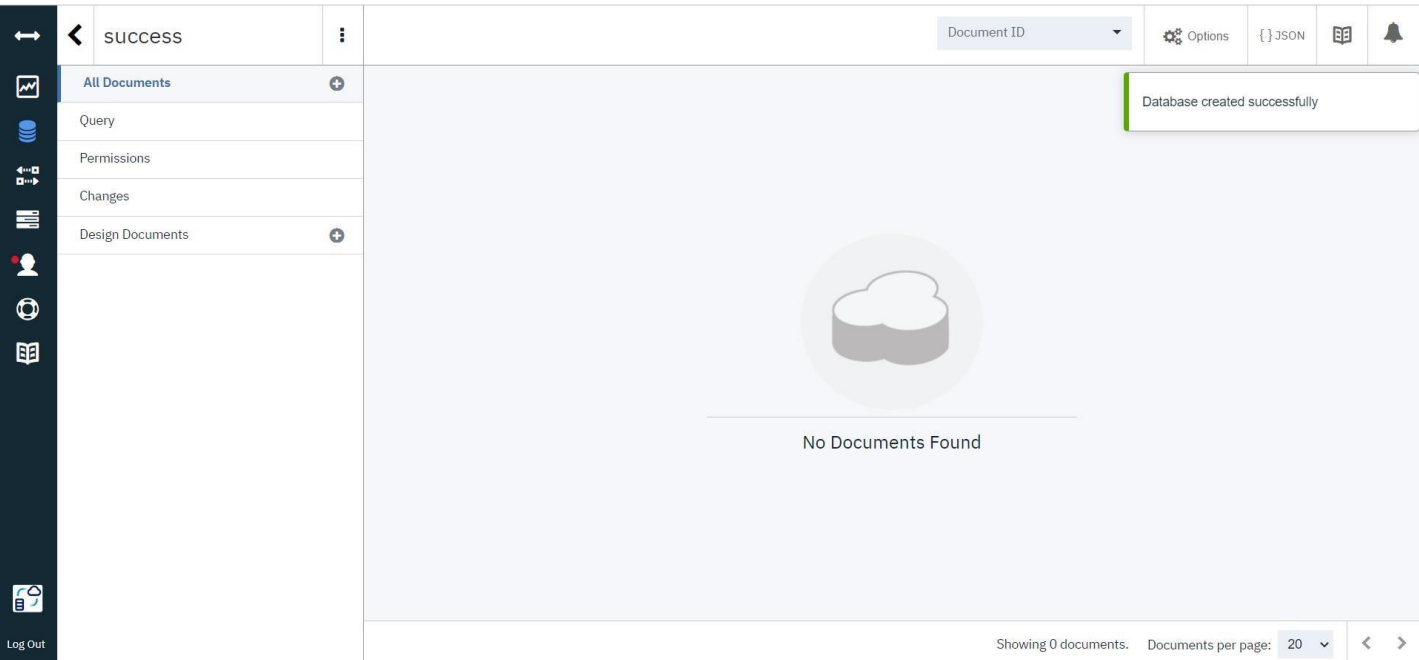
The screenshot shows the IBM Cloud console interface for the 'Cloudant-su' resource. The top navigation bar includes the 'Resource list' link, the resource name 'Cloudant-su', and its status 'Active'. The main content area is divided into two sections: 'Manage' and 'Overview'. The 'Overview' section is active, showing a table of deployment details. The table includes fields for 'CRN', 'Location', 'External endpoint', 'External endpoint (preferred)', 'Authentication methods', 'Activity Tracker event types', and 'Disk encryption'. The 'Activity Tracker event types' field has a dropdown menu set to 'Management' and a 'Save' button. The 'Disk encryption' field shows 'Yes. Automatically generated disk encryption key.' A 'Launch Dashboard' button is visible in the top right corner.

● 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.

