

CREATE A DATABASE IN CLOUDANT DB

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TEAM ID	PNT2022TMID18879
PROJECT NAME	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES

Create A Database In Cloudant DB.

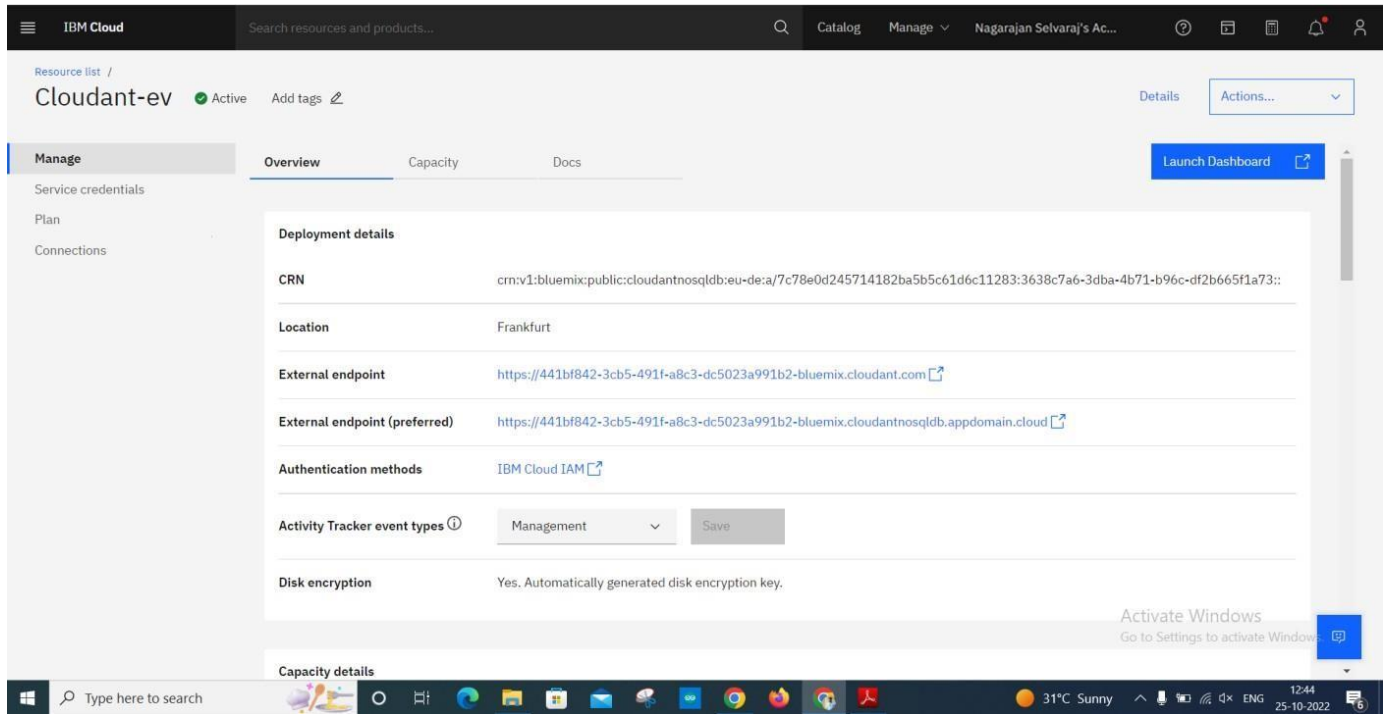
Aim: To create a database in Cloudant DB to store location data.

Steps followed:

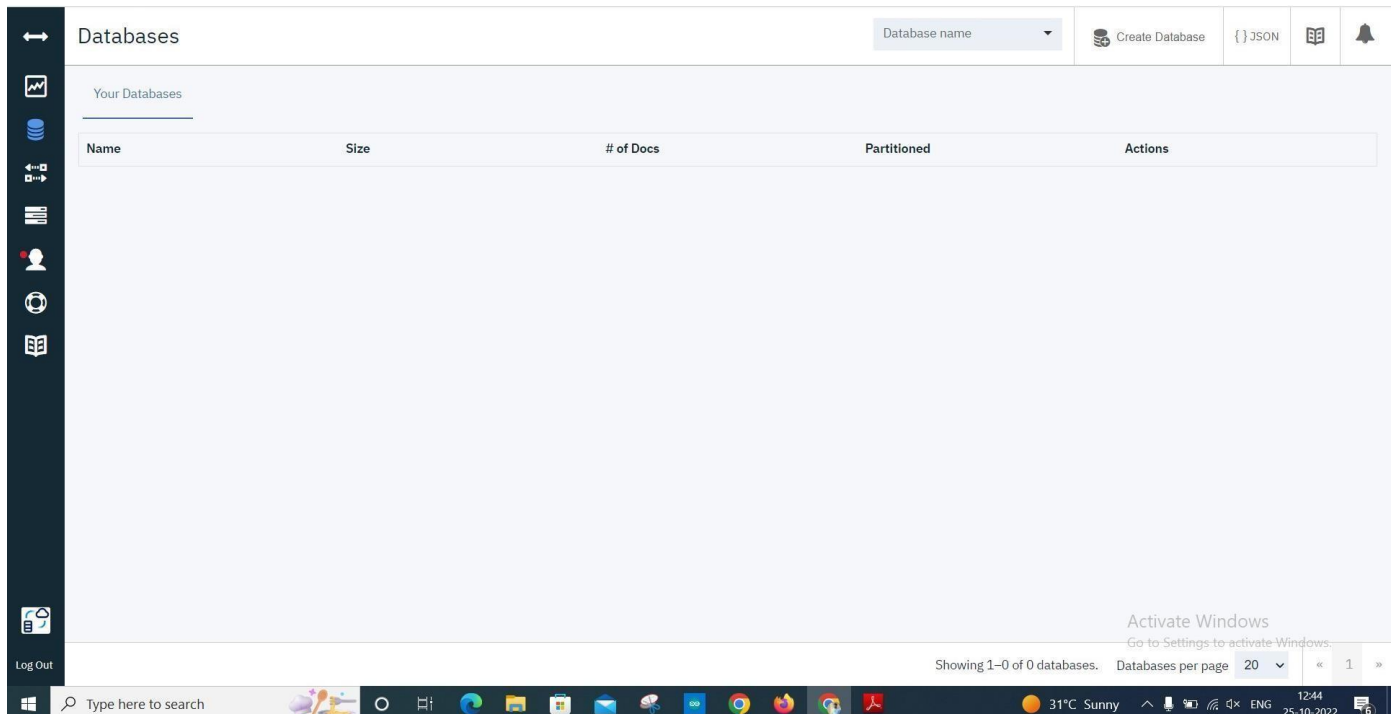
- Logged in to IBM Cloud account.
- Navigated to `./resources`.
- Clicked on the “Create Resource +” button.
- Searched for “Cloudant”.
- Chose the “Lite Version” and clicked on “Create”.

The screenshot displays the IBM Cloud console interface for creating a new Cloudant database. At the top, there's a search bar with the text "Examples: env:dev, version-1". Below it, the "Authentication method" is set to "IAM". The "Plan" section shows two options: "Lite" (selected with a checkbox) and "Standard". The "Lite" plan is described as "Full functionality for development and evaluation with a set capacity. Only one Lite plan instance per account." and is "Free - Only in multi-tenant". The "Standard" plan is described as "Granular control over provisioned throughput capacity allocated. Billing prorated hourly." and is "Starting at \$75.00/month". Below the plan selection, the "Capacity" section shows the selected plan's limits: "20 Reads per second", "10 Writes per second", "5 Queries per second", and "1 GB Storage Included". At the bottom left, there is a "Cost calculator" button. On the right side, a "Summary" panel shows the selected plan "1 Cloudant Lite" with its specifications and a "Free" price tag. Below the summary, there is a "Create" button and a "Add to estimate" button. At the very bottom, there is a "Go to Settings to activate Windows" link.

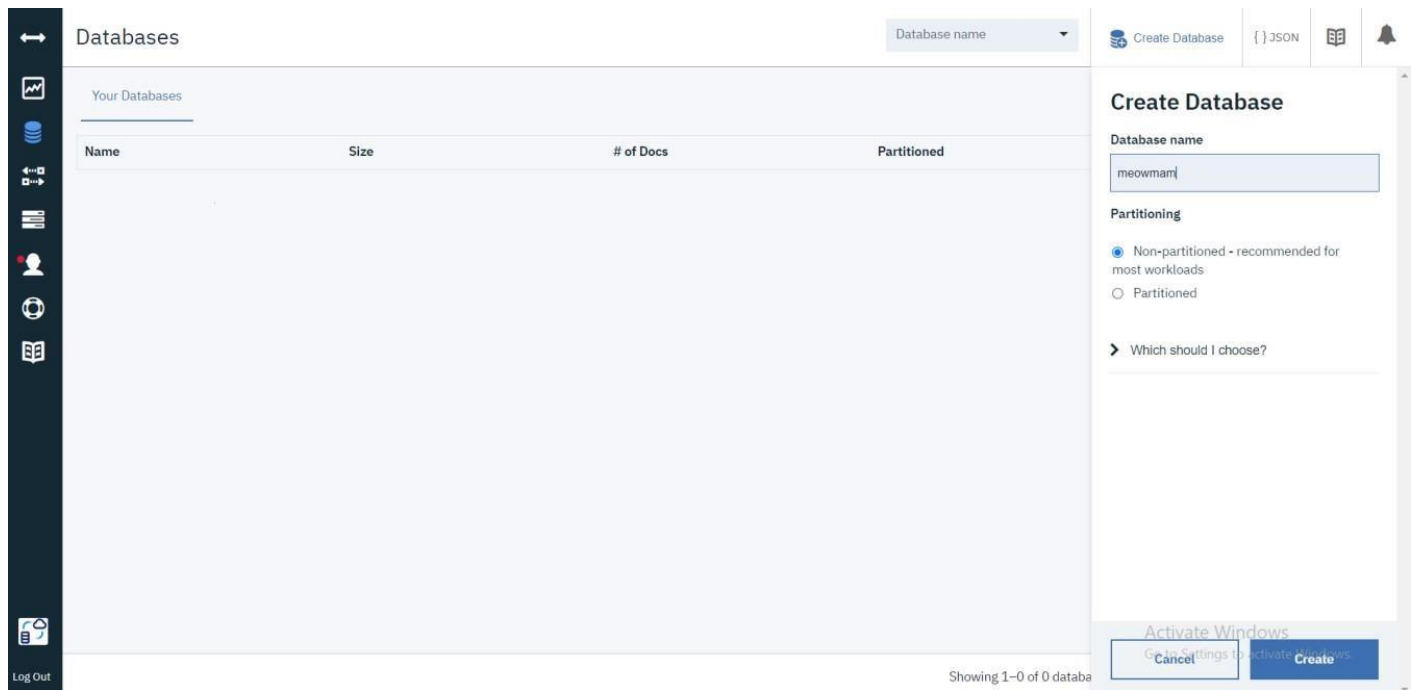
- The Cloudant database resource was created successfully



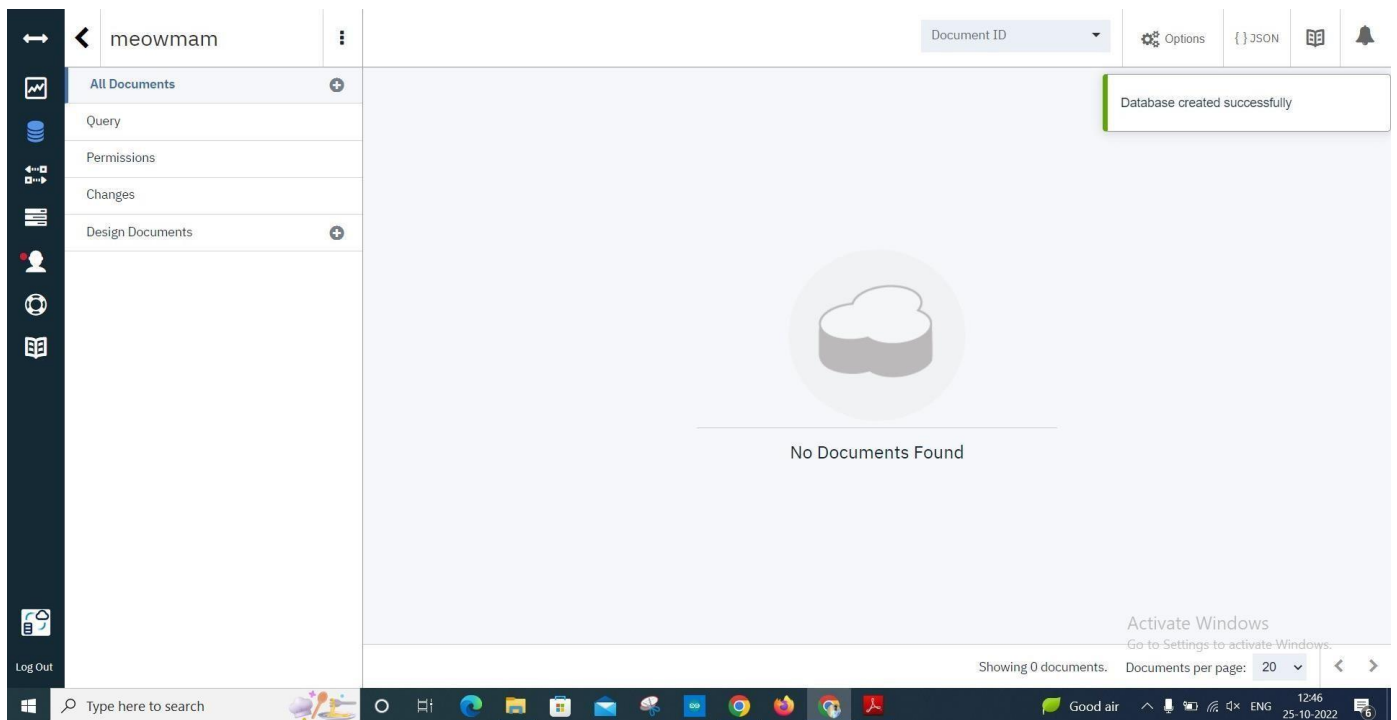
- Clicked on Launch Dashboard



- Clicked on “Create Database”. Enter anything in the database name and the “Non-partitioned” option.



- The database is created successfully.



Result:

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