

CREATE A DATABASE IN CLOUDANT DB

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TEAM ID	PNT2022TMID10501
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.

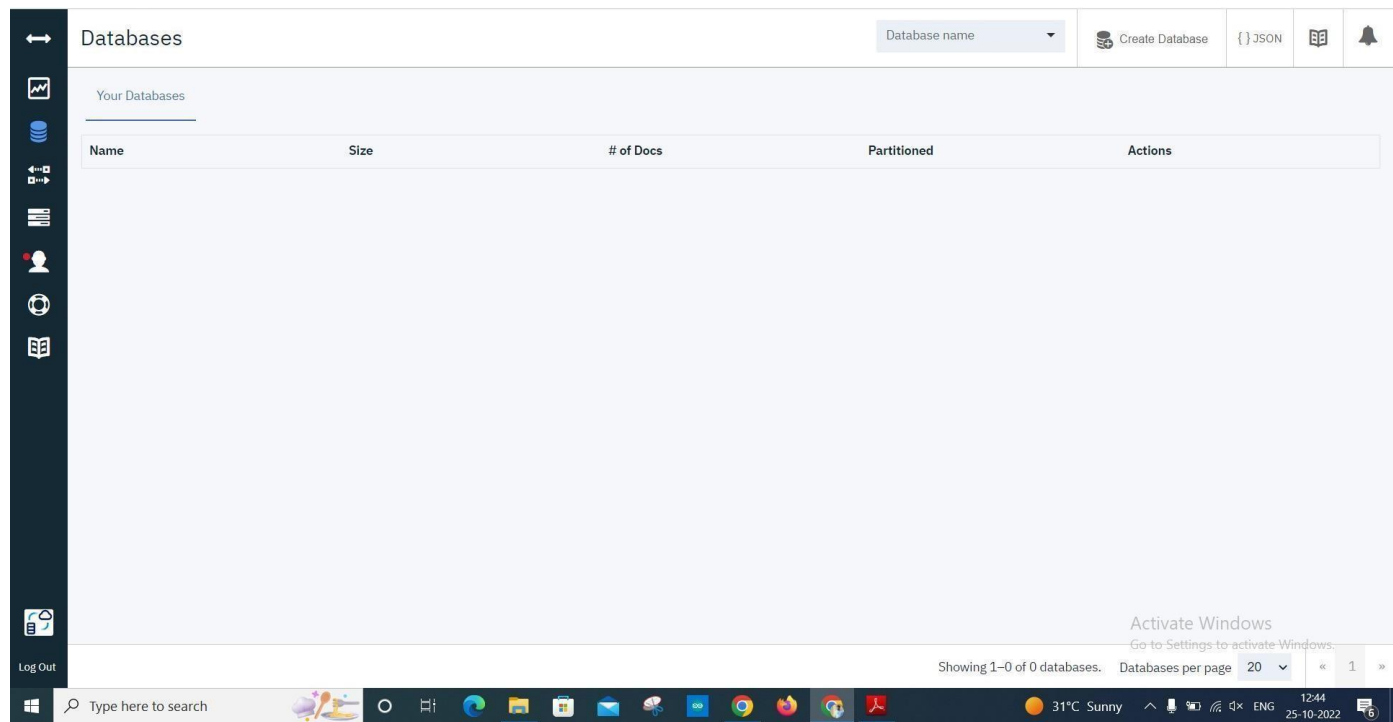
Steps followed:

- 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 checkmark) and "Standard" (unselected). 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 noted as "Free - Only in multi-tenant". The "Standard" plan is described as "Granular control over provisioned throughput capacity allocated. Billing prorated hourly." and is noted as "Starting at \$75.00/month". The "Capacity" section shows the following specifications: 20 Reads per second, 10 Writes per second, 5 Queries per second, and 1 GB Storage included. A "Cost calculator" button is visible at the bottom left. On the right side, a "Summary" panel shows the selected "Cloudant Lite" plan with its specifications: 20 Reads/sec, 10 Writes/sec, 5 Global Queries/sec, and 1 GB Storage, all marked as "Free" or "Included". A blue "Create" button is prominently displayed at the bottom of the summary panel. Below the "Create" button, there's a link to "Add to estimate Windows" and a note to "Go to Settings to activate Windows".

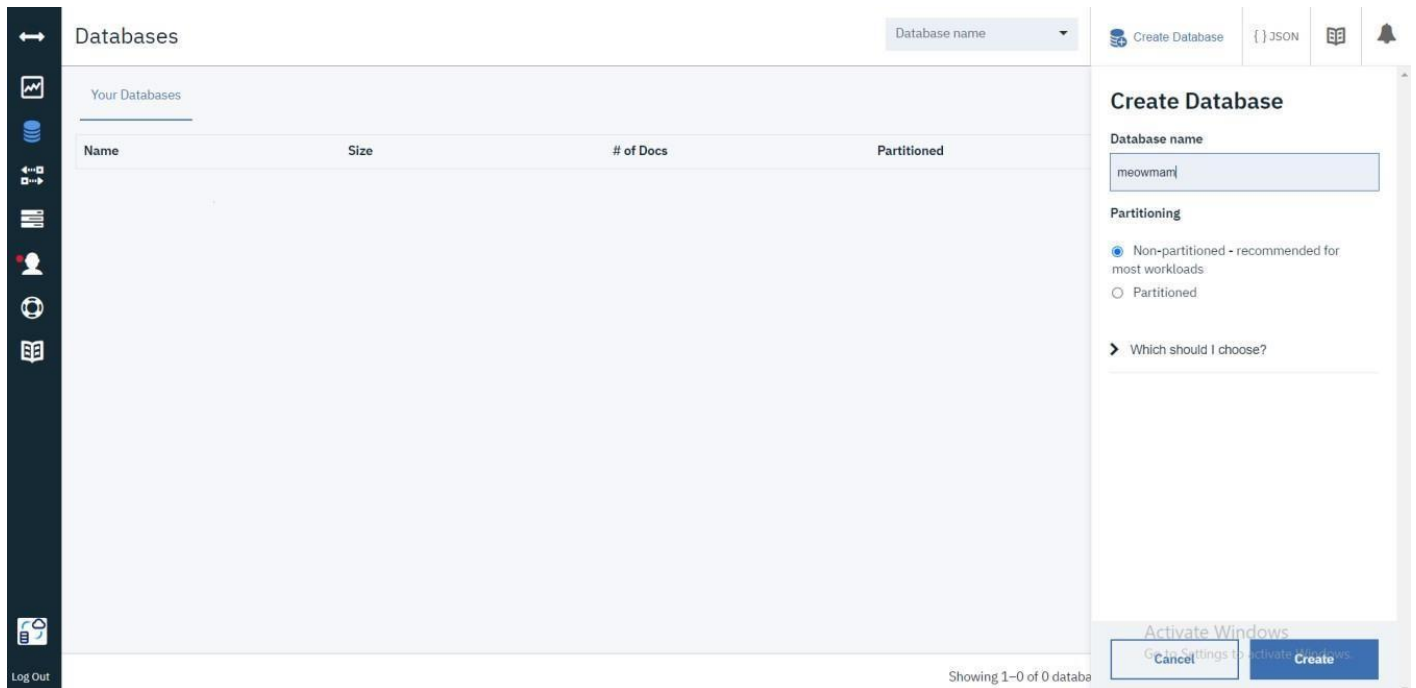
- The Cloudant database resource was created successfully

- Clicked on Launch Dashboard

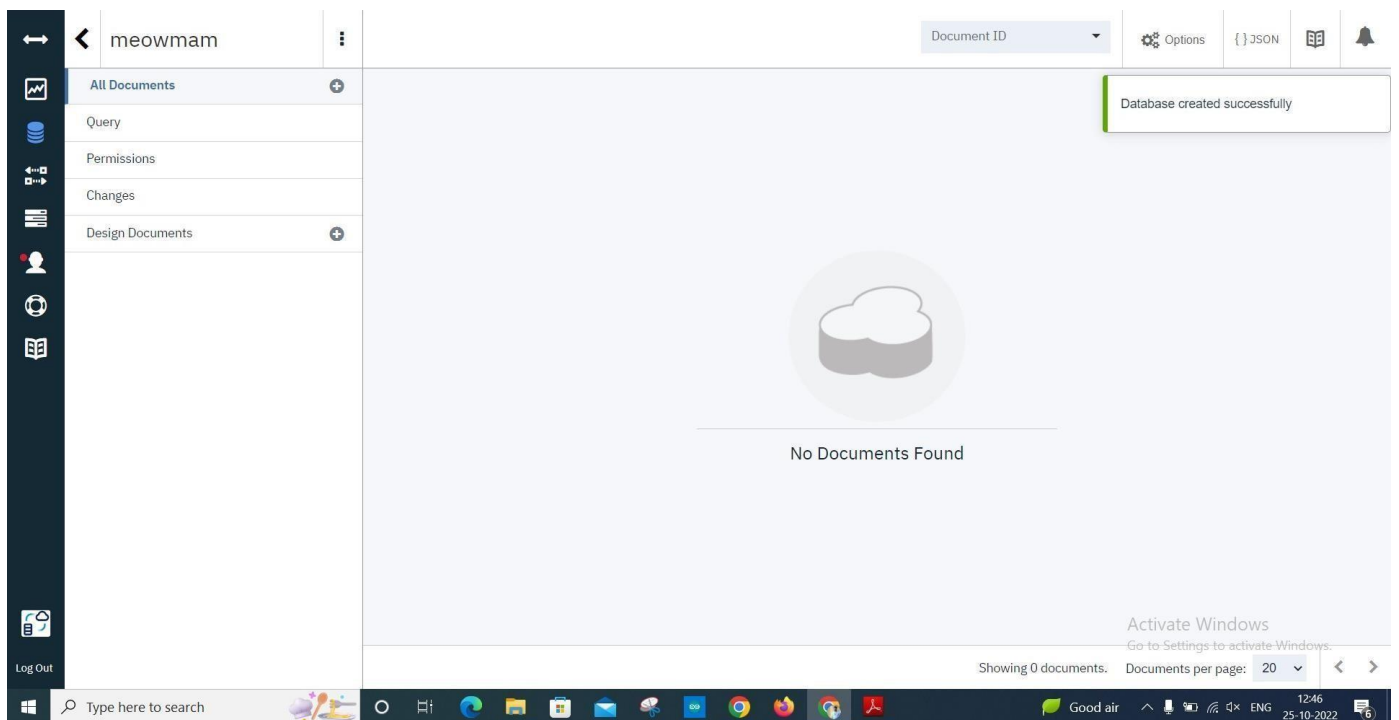


- Clicked on “Create Database”. Enter anything in the database name and the “Non- partitioned” option.

...



- The database is created successfully.



Result:

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

