

CREATE A DATABASE IN CLOUDANT DB

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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. The main area shows the 'Plan' selection step, with the 'Lite' plan selected. 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 also visible, described as 'Granular control over provisioned throughput capacity allocated. Billing prorated hourly.' and 'Starting at \$75.00/month'. Below the plan selection, the 'Capacity' section shows the selected limits: 20 Reads per second, 10 Writes per second, 5 Queries per second, and 1 GB Storage included. A 'Cost calculator' button is located at the bottom left. On the right side, a 'Summary' panel shows the selected plan 'Cloudant Lite' with its specifications and a 'Create' button. At the bottom right, there is a 'Add to estimate Windows' button and a link to 'Go to Settings to activate Windows'.

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

Cost calculator

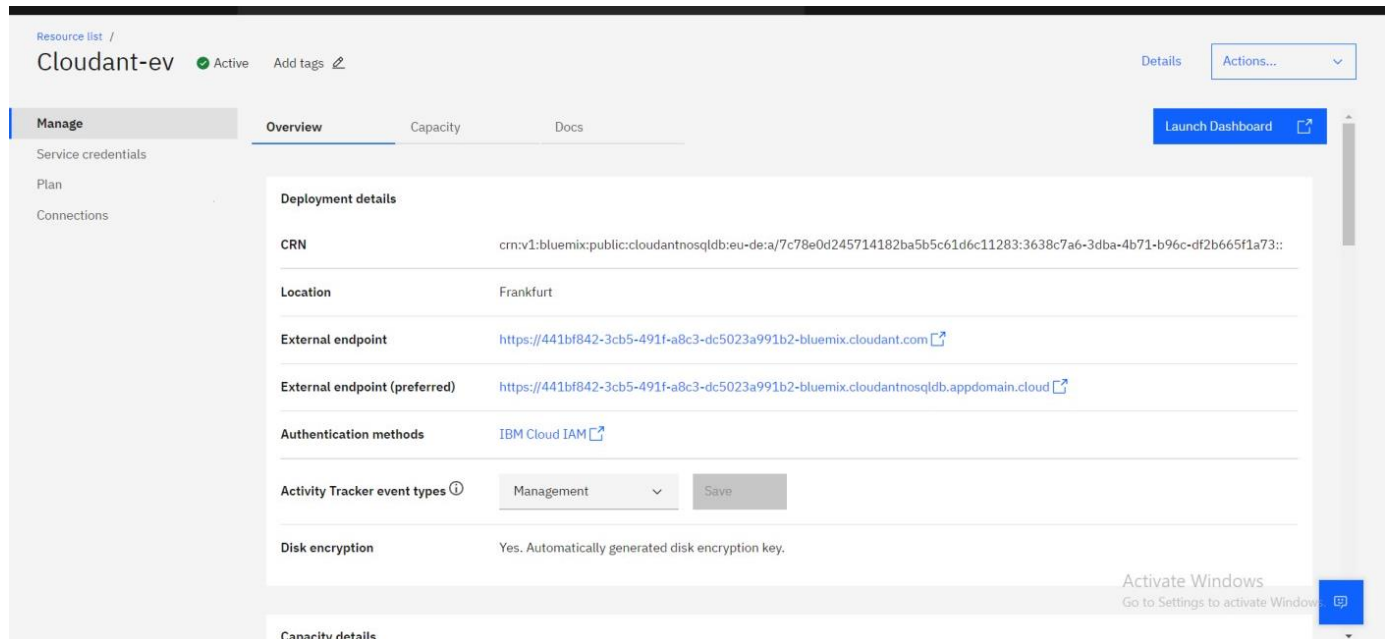
Summary

1 Cloudant Lite Free
20 Reads/sec Free
10 Writes/sec Free
5 Global Queries/sec Free
1 GB Storage Included

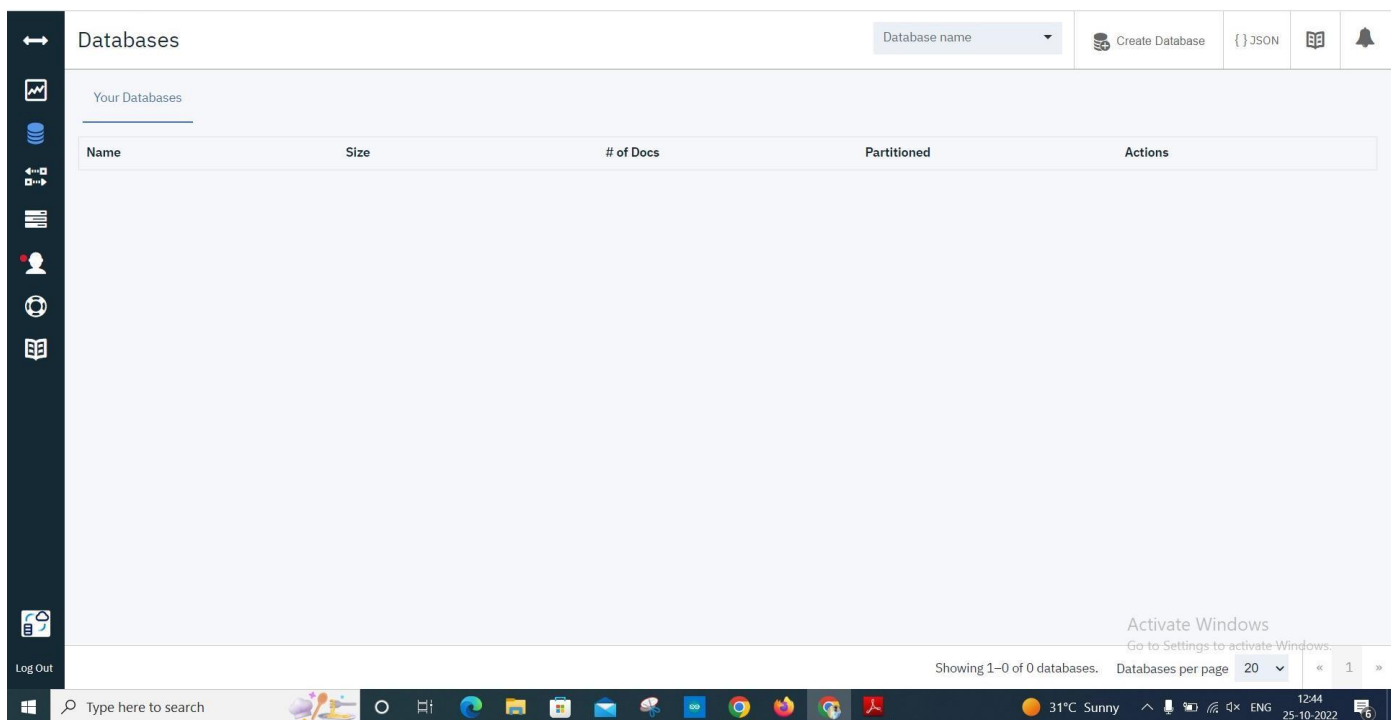
Create

Add to estimate Windows
Go to Settings to activate Windows

- The Cloudant database resource was created successfully

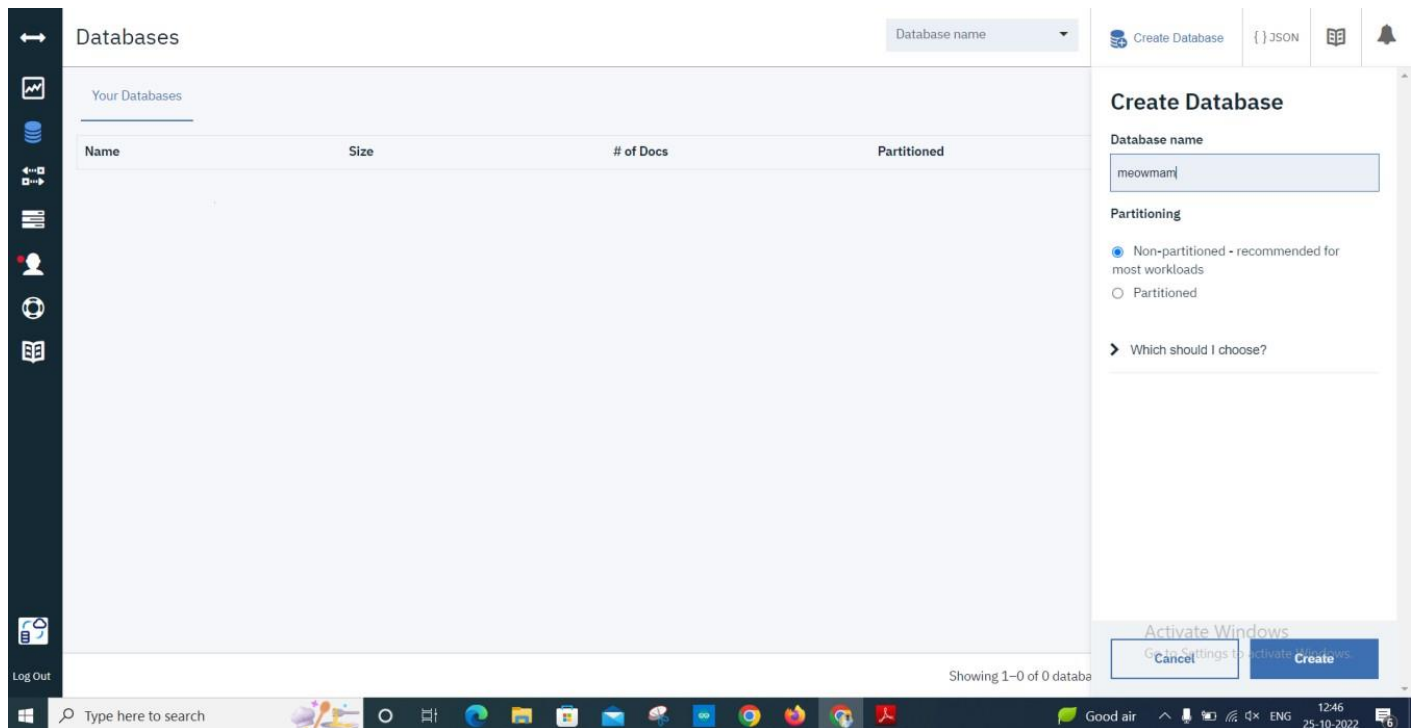


- Clicked on Launch Dashboard

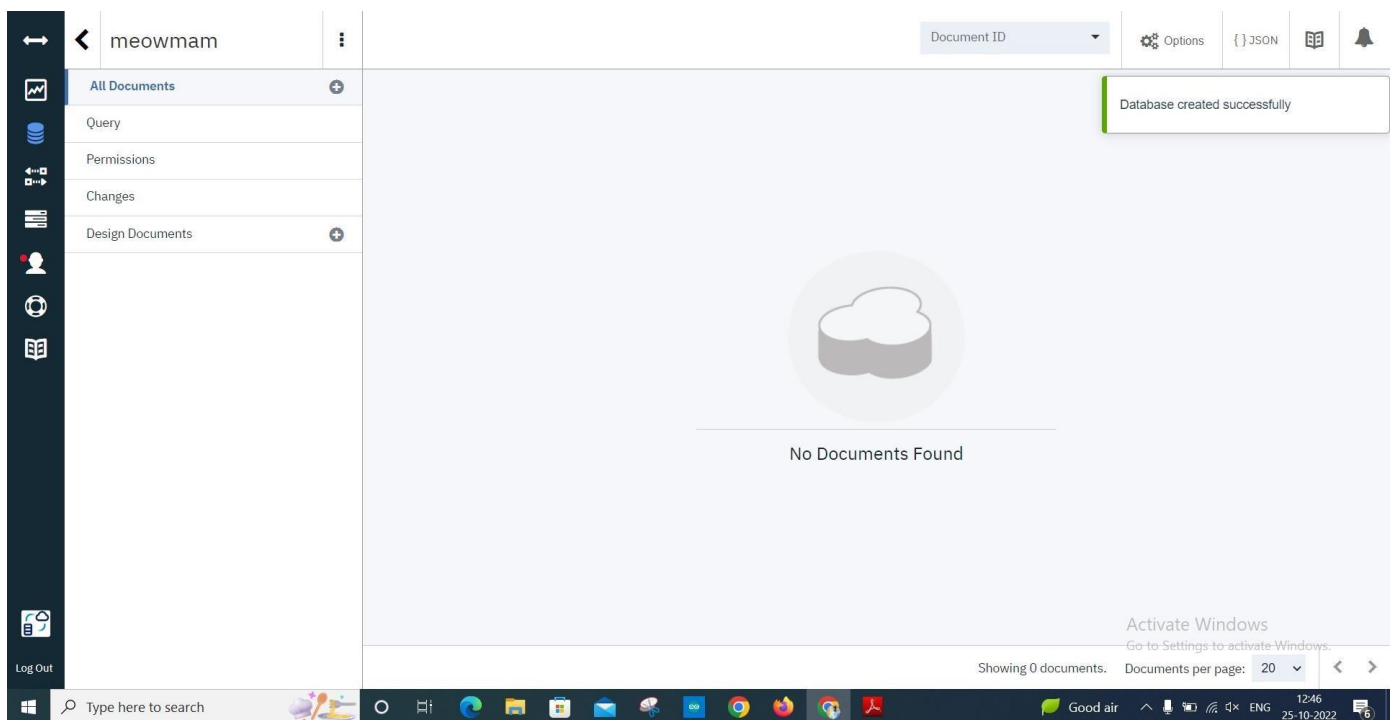


- Clicked on “Create Database”. Entered “meowman” as the database name and the “Non-partitioned” option.

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- The database “meowmam” was created successfully.



Result:

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

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