

CREATE A DATABASE IN CLOUDANT

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TEAM ID	PNT2022TMID15951
PROJECT NAME	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES
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Create A Database in Cloudant :

Aim:

To create a database in Cloudant to store the location of data.

Steps to be followed:

- Log 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".

1. The Cloudant database resources is created successfully

The screenshot displays the IBM Cloud console interface. At the top, the navigation bar includes the IBM Cloud logo, a search bar, and user account information (Vasupradha E's Account). The main content area is titled "Plan" and shows two options: "Lite" (selected with a checkmark) 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 noted as "Free - Only in multi-tenant". The "Standard" plan offers "Granular control over provisioned throughput capacity allocated. Billing prorated hourly." and starts at "\$75.00/month". Below the plan selection, a "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 visible at the bottom left. On the right side, a "Summary" panel lists the selected "1 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". At the bottom right, there are "Create" and "Add to estimate" buttons.

IBM Cloud Search resources and products... Catalog Manage Vasupradha E's Account

Resource list / Cloudant-vl 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/b5f86668bffa44b0be542cfe473fe60a:478d3513-c177-4ad3-a307-308607d66df4::

Location London

External endpoint <https://7956dc80-2e42-4352-b5fd-464c2af9dc9d-bluemix.cloudant.com>

External endpoint (preferred) <https://7956dc80-2e42-4352-b5fd-464c2af9dc9d-bluemix.cloudantnosqldb.appdomain.cloud>

Authentication methods IBM Cloud IAM

Activity Tracker event types 1 Management Save

2. Clicked on Launch Dashboard

Databases Database name Create Database {} JSON

Your Databases

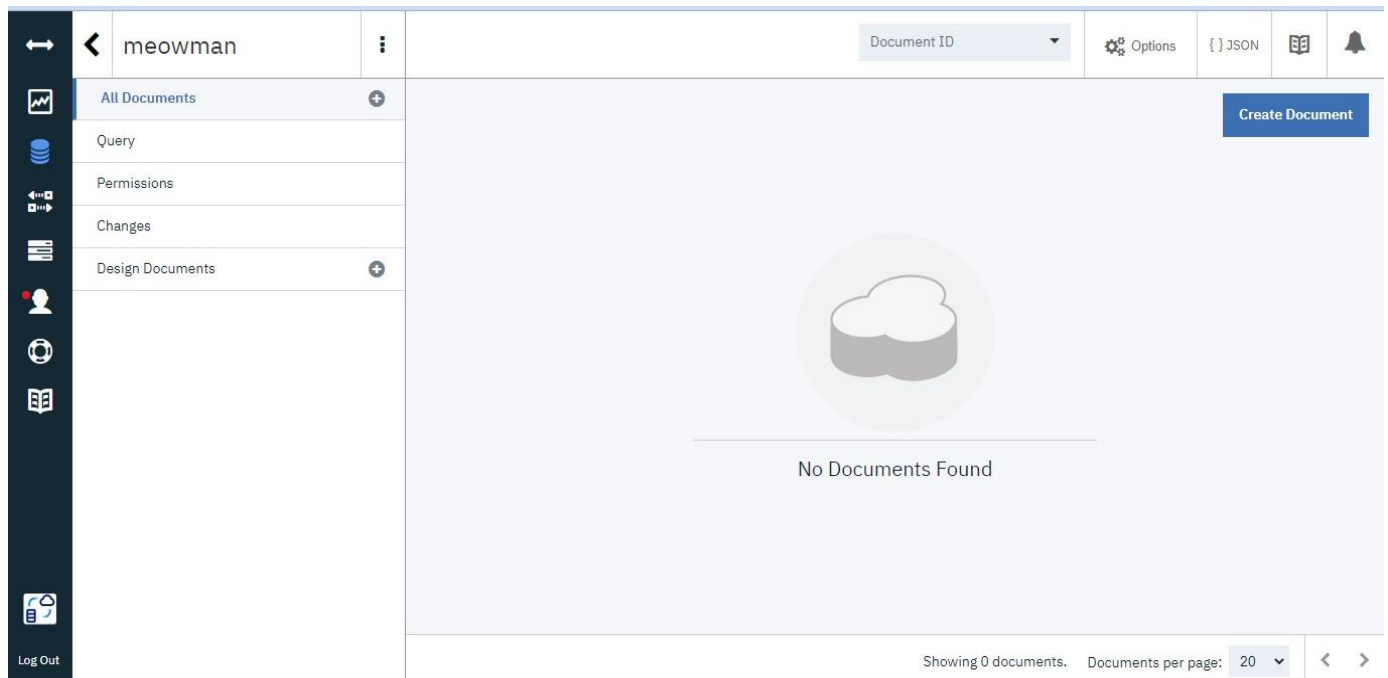
Name	Size	# of Docs	Partitioned	Actions
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Showing 1–0 of 0 databases. Databases per page 20 1

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

...

4.The database “meowman” was created successfully.



Result:

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