

TEAM ID	PNT2022TMID14617
Project Name	IOT based safety gadget for child safety monitoring and notification

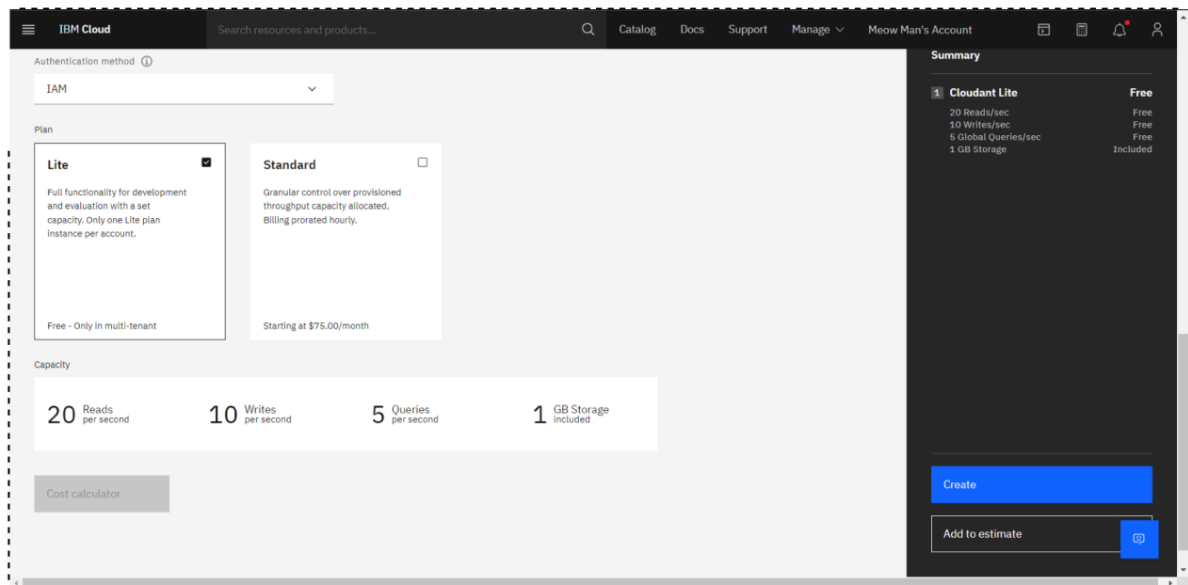
## Create a Database in cloudant DB

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

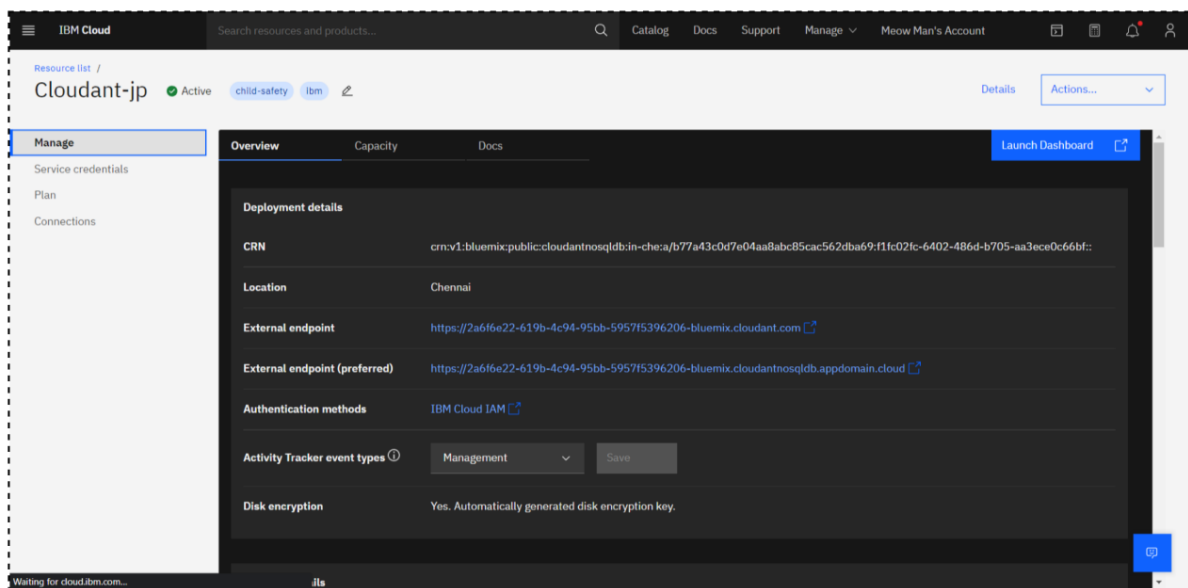
### Steps followed:

- Logged in to IBM Cloud account
- Navigated to `./resource`.
- Click on the “create source+” button
- Search for “Cloudant”

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



- The Cloudant database resource was created successfully



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

The screenshot shows the IBM Cloud console interface for creating a new Cloudant instance. The 'Authentication method' is set to 'IAM'. Under the 'Plan' section, the 'Lite' plan is selected, which 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'. The 'Capacity' section shows the following configuration: 20 Reads per second, 10 Writes per second, 5 Queries per second, and 1 GB Storage included. A 'Cost calculator' button is present. On the right, a 'Summary' panel shows the 'Cloudant Lite' plan with its specifications: 20 Reads/sec, 10 Writes/sec, 5 Global Queries/sec, and 1 GB Storage. The 'Create' button is highlighted in blue.

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**

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

Create

Add to estimate

- The Cloudant database resource was created successfully

The screenshot shows the IBM Cloud console interface for a newly created Cloudant instance named 'Cloudant-jp'. The instance is 'Active' and has 'child-safety' and 'ibm' tags. The 'Manage' tab is selected, showing 'Service credentials', 'Plan', and 'Connections'. The 'Overview' tab is active, displaying deployment details: CRN (crn:v1:bluemix:public:cloudantnosqldb:in-cha/b77a43c0d7e04aa8abc85cac562dba69:11fc02fc-6402-486d-b705-aa3ece0c66bf::), Location (Chennai), External endpoint (https://2a6f6e22-619b-4c94-95bb-5957f5396206-bluemix.cloudant.com), External endpoint (preferred) (https://2a6f6e22-619b-4c94-95bb-5957f5396206-bluemix.cloudantnosqldb.appdomain.cloud), Authentication methods (IBM Cloud IAM), Activity Tracker event types (Management), and Disk encryption (Yes. Automatically generated disk encryption key.). A 'Launch Dashboard' button is visible. The bottom status bar shows 'Waiting for cloud.ibm.com...' and 'jls'.

Resource list / Cloudant-jp Active child-safety ibm Details Actions...

**Manage**  
Service credentials  
Plan  
Connections

**Overview** Capacity Docs Launch Dashboard

**Deployment details**

CRN crn:v1:bluemix:public:cloudantnosqldb:in-cha/b77a43c0d7e04aa8abc85cac562dba69:11fc02fc-6402-486d-b705-aa3ece0c66bf::

Location Chennai

External endpoint https://2a6f6e22-619b-4c94-95bb-5957f5396206-bluemix.cloudant.com

External endpoint (preferred) https://2a6f6e22-619b-4c94-95bb-5957f5396206-bluemix.cloudantnosqldb.appdomain.cloud

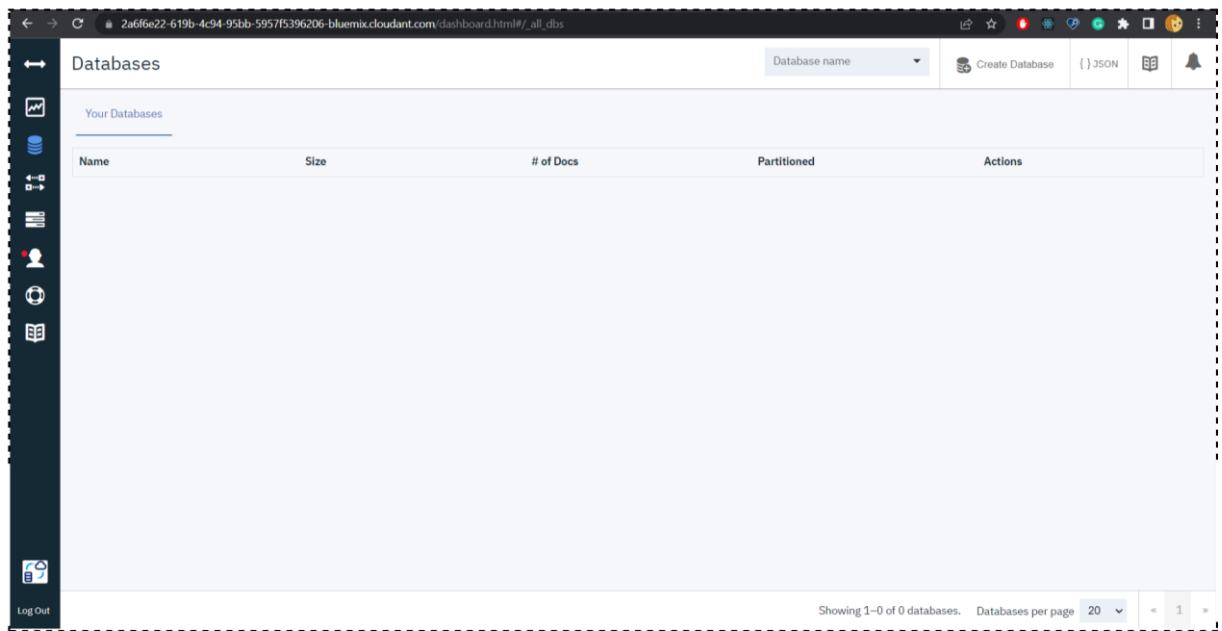
Authentication methods IBM Cloud IAM

Activity Tracker event types ⓘ Management Save

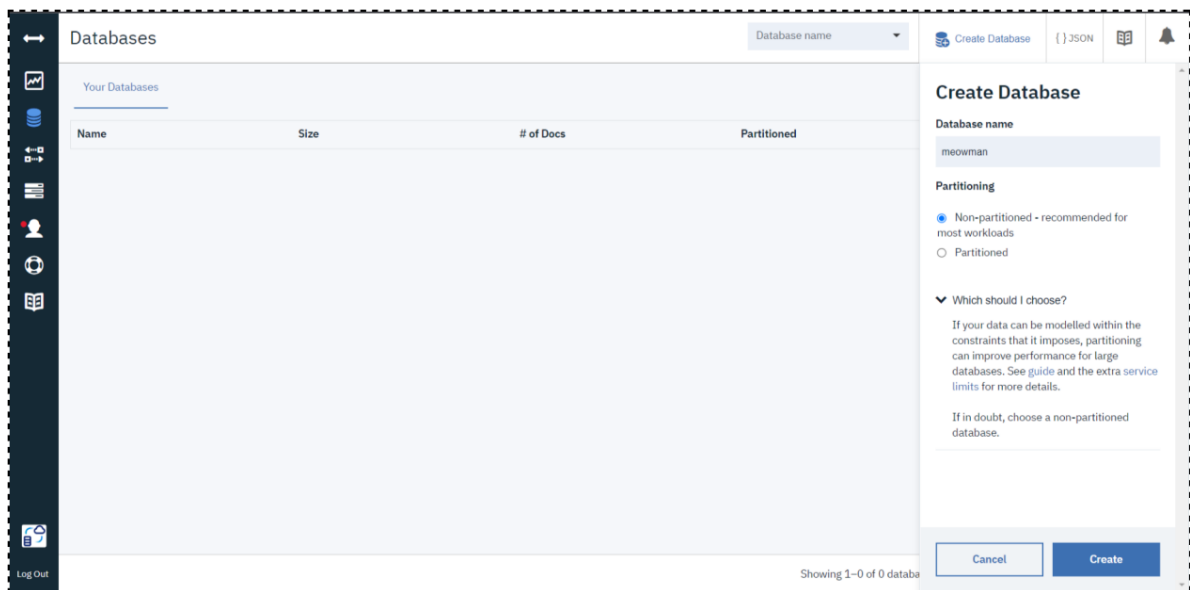
Disk encryption Yes. Automatically generated disk encryption key.

Waiting for cloud.ibm.com... jls

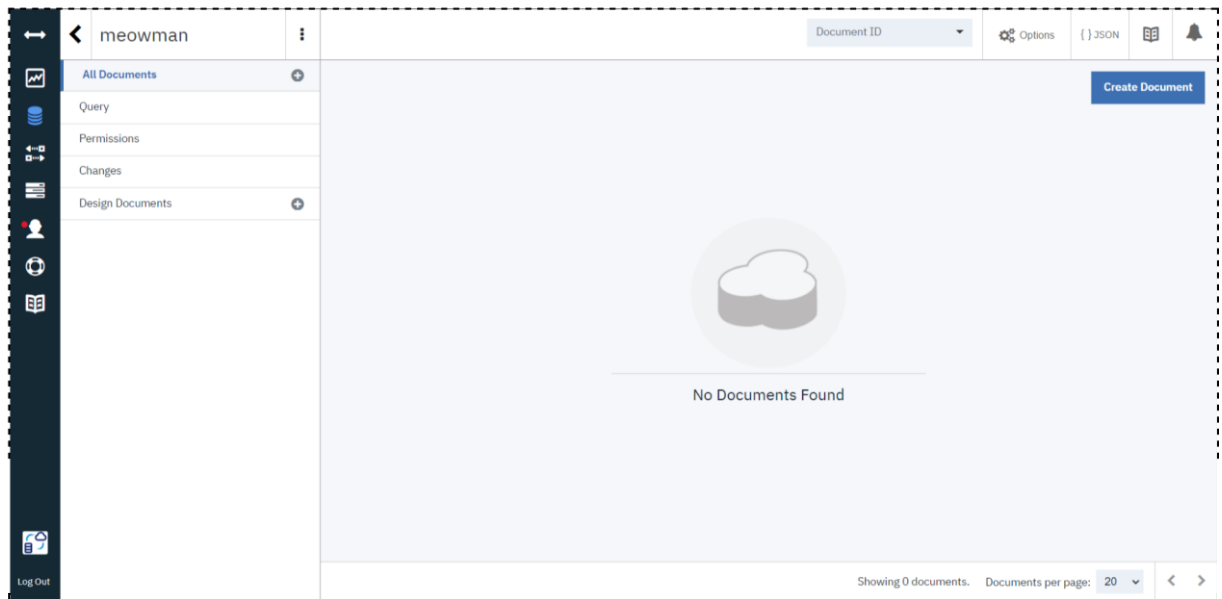
- Clicked on Launch Dashboard



## Result:



- The database “meowman” was created successfully



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