

CREATE A DATABASE IN COLUDANT DB

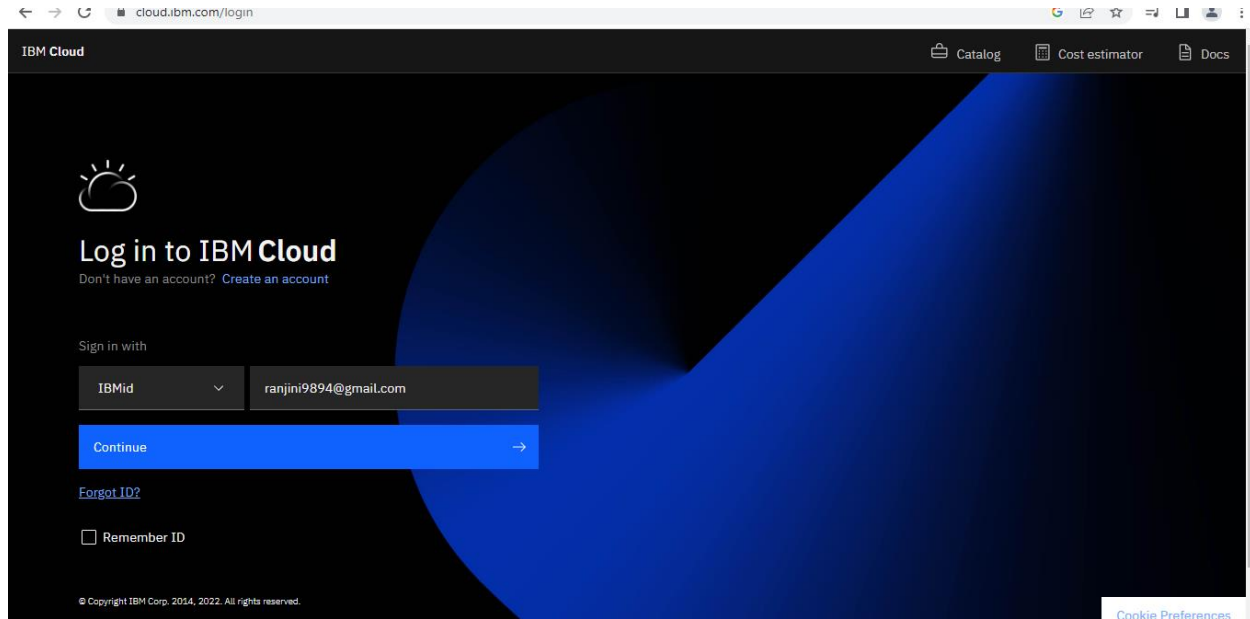
Team ID	PNT2022TMID38891
Project Name	IoT Based Safety Gadget For Child Safety Monitoring & Notification

AIM:

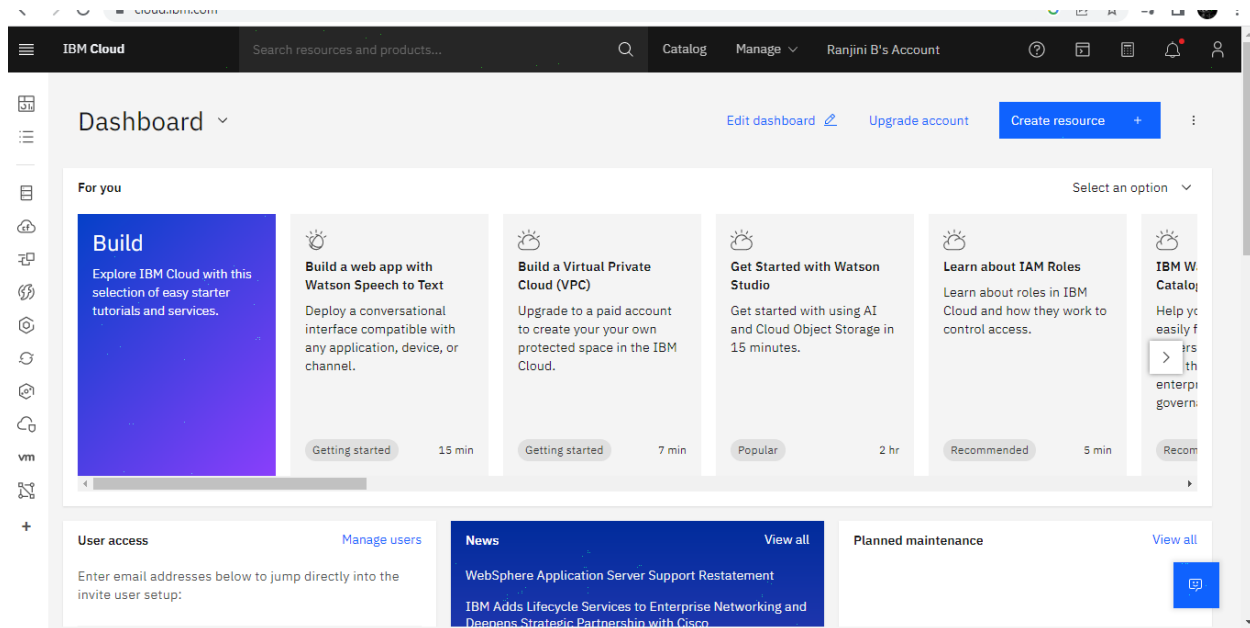
To create a database in cloudant DB to store location data

STEPS

1. Login to IBM cloud with mailed and password



2. Click "create resource +" option



3. Search cloudant in catlog then choose the Lite version

cloud.ibm.com/catalog/services/cloudant?bss_account=2cd047cc92a34edc9499d6ee45f95b36

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Cloudant

A scalable JSON document database for web, mobile, IoT, and serverless applications.

Create About

Select an offering

Cloudant ☒

IBM Cloudant is a fully managed JSON document database that offers independent serverless scaling of throughput capacity and storage.

Lite plan available

Select an environment

Multitenant Dedicated

Your instance will be running securely on environments with shared resources.

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

4. Create cloudant

cloud.ibm.com/catalog/services/cloudant?bss_account=2cd047cc92a34edc9499d6ee45f95b36

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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

5. The cloudant database resource created and Click Launch Dashboard

The screenshot shows the IBM Cloud console interface. At the top, there's a navigation bar with 'IBM Cloud', a search bar, and user account information. Below this, the 'Resource list' section shows 'Cloudant-yo' with a status of 'Provision in progress'. The 'Overview' tab is selected, displaying details like 'Location: Frankfurt', 'External endpoint', 'Authentication methods: IBM Cloud IAM', and 'Disk encryption: Yes'. A 'Launch Dashboard' button is visible in the top right corner of the overview section.

Resource list / Cloudant-yo Provision in progress Add tags

Manage Overview Capacity Docs Launch Dashboard

Service credentials
Plan
Connections

Location Frankfurt

External endpoint <https://e0bbd8d1-7697-400d-86fe-a1e1b79779b9-bluemix.cloudant.com>

External endpoint (preferred) <https://e0bbd8d1-7697-400d-86fe-a1e1b79779b9-bluemix.cloudantnosqldb.appdomain.cloud>

Authentication methods IBM Cloud IAM

Activity Tracker event types Management Save

Disk encryption Yes. Automatically generated disk encryption key.




Capacity details

6. Click create database

The screenshot shows the 'Databases' page in the IBM Cloud console. A sidebar on the left contains navigation icons. The main area has a 'Your Databases' section with a table listing databases. One database, 'child_safety_gadgets', is listed with a size of 0 bytes and 0 documents. The 'Actions' column for this database contains icons for creating, deleting, and refreshing. At the bottom, there's a pagination bar showing 'Showing 1-1 of 1 databases' and 'Databases per page 20'.

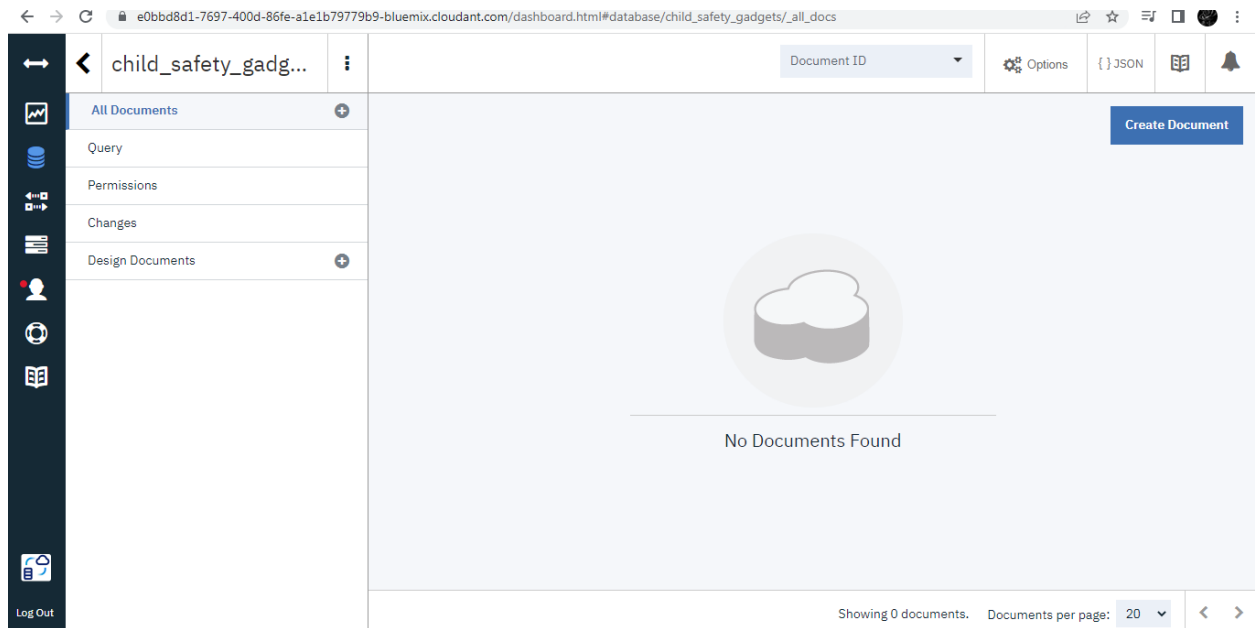
Databases Database name Create Database {} JSON

Your Databases

Name	Size	# of Docs	Partitioned	Actions
child_safety_gadgets	0 bytes	0	No	  

Showing 1-1 of 1 databases. Databases per page 20

7. Entered the database name “child_safety_gadgets” and click “Non-partitioned”



8. The database “child_safety_gadgets” has been created successfully

RESULT:

A database to store the location data on Cloudant Database has been created successfully.