

CREATE A DATABASE IN CLOUDANT DB

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Team ID	PNT2022TMID42649
Project Name	Project – IOT based safety gadget for child safety monitoring and notification
Maximum Marks	4 Marks
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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”

IBM Cloud

Search resources and products...

Catalog

Manage

Elakkiya S's Account

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

Free

10 Writes/sec

Free

5 Global Queries/sec

Free

1 GB Storage

Included

Create

Add to estimate

The Cloudant database resource was created successfully

Resource list /

Cloudant-2k Active Add tags

Details

Actions...

Manage

Overview

Capacity

Docs

Service credentials

Plan

Connections

Deployment details

CRN

crn:v1:bluemix:public:cloudantnosqldb:eu-gb:a/37eedd1687704b51b534e0cfdc0a540:548acb57-3f06-4779-94bf-a447967dd65f::

Location

London

External endpoint

<https://1bd61f40-2c82-4028-986c-de2b89423e61-bluemix.cloudant.com>

External endpoint (preferred)

<https://1bd61f40-2c82-4028-986c-de2b89423e61-bluemix.cloudantnosqldb.appdomain.cloud>

Authentication methods

IBM Cloud IAM

Activity Tracker event types ⓘ

Management

Save

Disk encryption

Yes. Automatically generated disk encryption key.

Launch Dashboard

Clicked on Launch Dashboard

The screenshot shows a web interface for managing databases. On the left is a dark sidebar with various icons. The main area is titled 'Databases' and contains a sub-section 'Your Databases' with a table. The table has columns: Name, Size, # of Docs, Partitioned, and Actions. The table is currently empty. To the right of the table is a 'Create Database' button. Below the table, it says 'Showing 1-0 of 0 databases. Databases per page 20'. At the bottom left of the sidebar is a 'Log Out' button.

Name	Size	# of Docs	Partitioned	Actions
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Clicked on “Create Database”. Entered “elakkiya\$31” as the database name and the “Non-partitioned” option

The screenshot shows the 'Create Database' modal form. The 'Database name' field contains 'elakkiya\$31'. Under the 'Partitioning' section, the 'Non-partitioned - recommended for most workloads' option is selected. There is a 'Which should I choose?' link below the partitioning options. At the bottom of the modal are 'Cancel' and 'Create' buttons. The background shows the same 'Databases' dashboard as the previous screenshot.

Create Database

Database name
elakkiya\$31

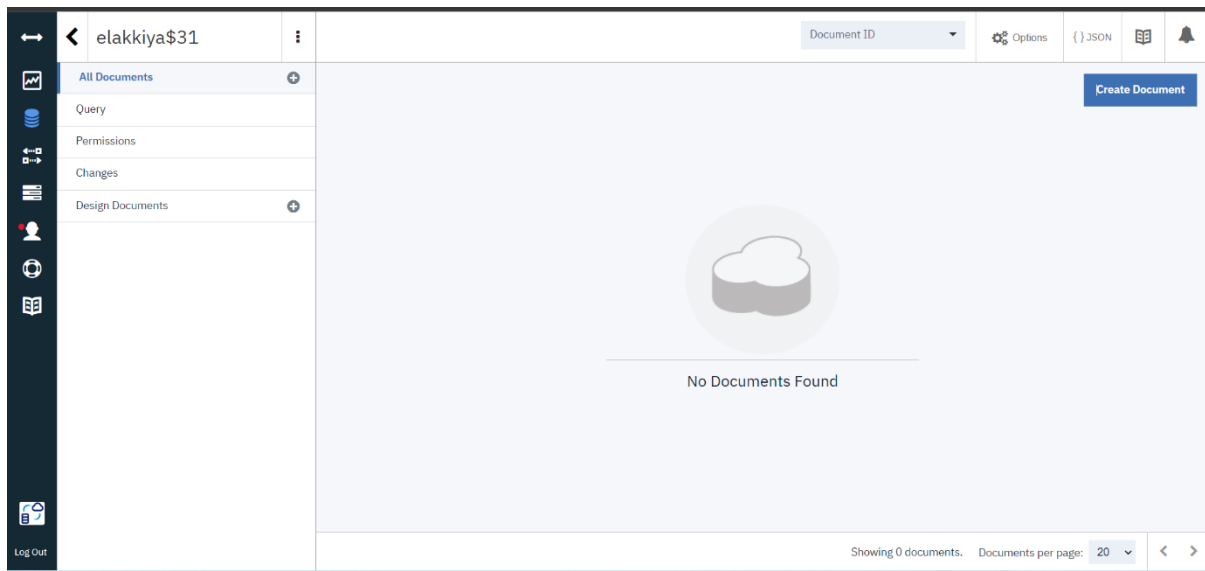
Partitioning

☒ Non-partitioned - recommended for most workloads
☐ Partitioned

> Which should I choose?

Cancel Create

The database “elakkiya\$31” was created successfully



Result:

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