

Create A Database In Cloudant DB

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

Steps followed:

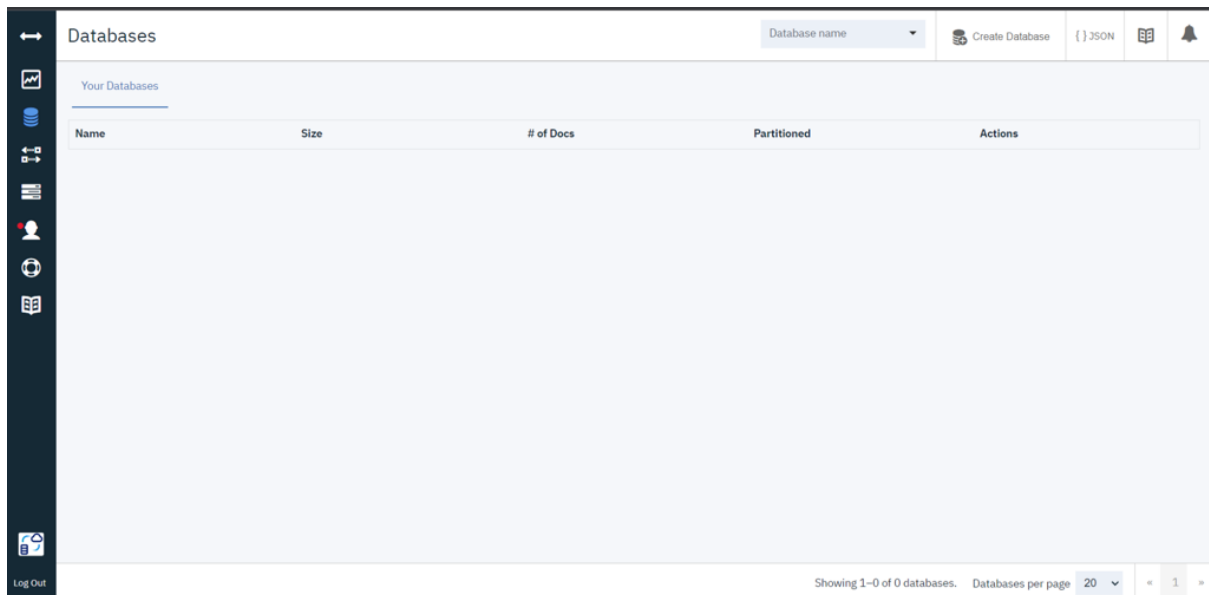
- Logged in to IBM Cloud account
- Navigated to `./resources`
- Clicked on the “Create Resource +” button
- Searched for “Cloudant”
- Chose the “Lite Version” and clicked on “Create”

The screenshot shows the IBM Cloud console interface for creating a new resource. On the left, under 'Authentication method', 'IAM' is selected. Under 'Plan', the 'Lite' plan is selected with a checkbox. The 'Lite' plan description states: 'Full functionality for development and evaluation with a set capacity. Only one Lite plan instance per account.' and it 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 plans, the 'Capacity' section shows: '20 Reads per second', '10 Writes per second', '5 Queries per second', and '1 GB Storage Included'. A 'Cost calculator' button is at the bottom left. 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'. All these are listed as 'Free' or 'Included'. At the bottom right, there are 'Create' and 'Add to estimate' buttons.

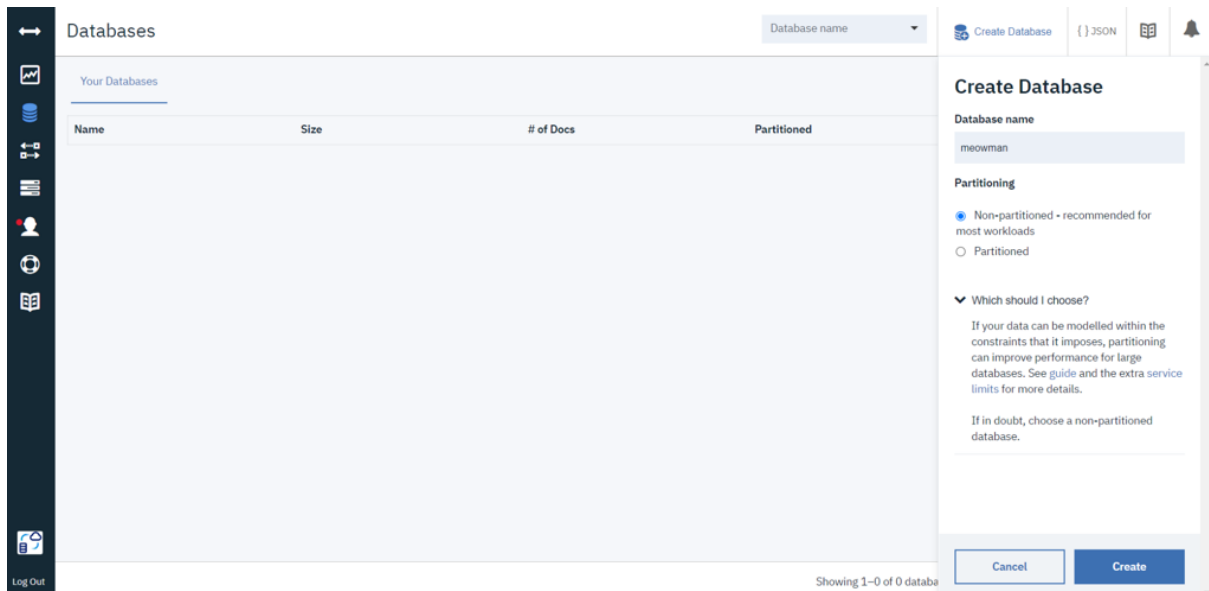
- The Cloudant database resource was created successfully

The screenshot shows the IBM Cloud console interface for the 'Cloudant-jp' resource. The 'Manage' tab is selected, showing 'Service credentials', 'Plan', and 'Connections'. The 'Overview' tab is active, displaying 'Deployment details'. The details include: 'CRN: crn:v1:bluemix:public:cloudantnosqldb:in-che:a/b77a43cd7e04aa8abc85cac562dba69:f1fc02fc-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 in the top right. The bottom status bar shows 'Waiting for cloud.ibm.com...' and 'ihs'.

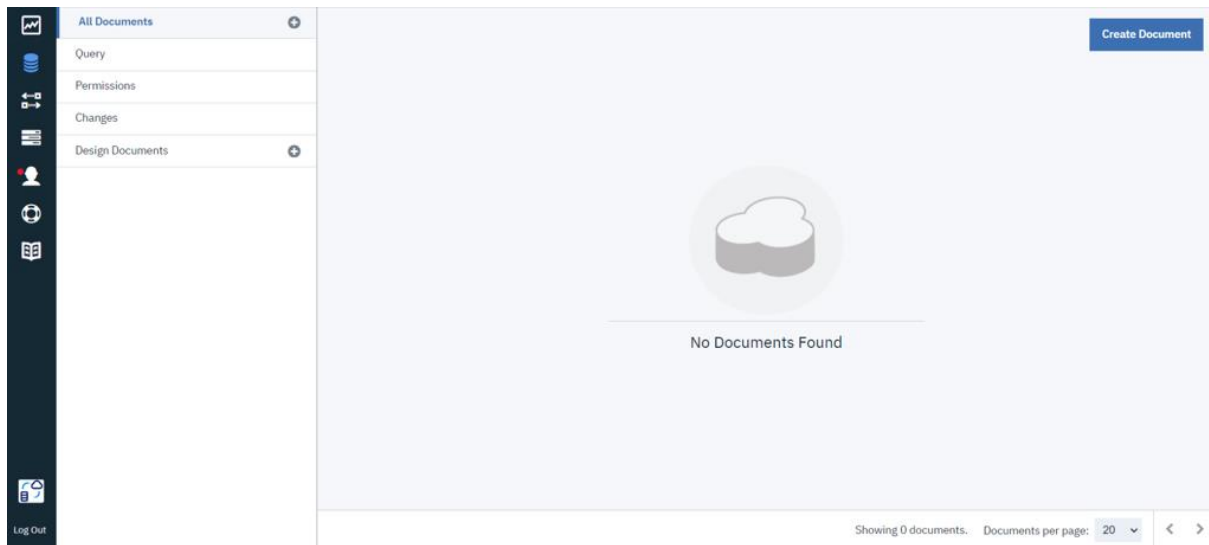
- Clicked on Launch Dashboard



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



- The database “Sree Jahinee” was created successfully



Result:

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