

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 Catalog interface. On the left, there's a sidebar with 'IBM Cloud' and a search bar. The main area displays two plan options: 'Lite' and 'Standard'. The 'Lite' plan is selected, showing its details: 'Full functionality for development and evaluation with a set capacity. Only one Lite plan instance per account.' It also notes 'Free - Only in multi-tenant'. Below this, 'Capacity' metrics are listed: 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' section shows '1 Cloudant Lite' with 'Free' status across all metrics. At the bottom right, there are 'Create' and 'Add to estimate' buttons.

The Cloudant database resource was created successfully

Service Details - IBM Cloud

Resource list / Cloudant-lw Provision in progress Add tags

Manage Overview Capacity Docs

Deployment details

CRN	crn:v1:bluemix:public:cloudantnosqldb:eu-gb:a/194a638bd0c446ee899592d063235b37:9b23b7b6-d2b2-4e53-9414-1e0223c325ac::
Location	London
External endpoint	https://bda4b39d-49f6-4bad-ba62-bb88b6bf3a2c-bluemix.cloudant.com
External endpoint (preferred)	https://bda4b39d-49f6-4bad-ba62-bb88b6bf3a2c-bluemix.cloudantnosqldb.appdomain.cloud
Authentication methods	IBM Cloud IAM

Activity Tracker event types ⓘ Management Save

Launch Dashboard

Clicked on Launch Dashboard

The screenshot shows the Cloudant Dashboard interface. On the left is a sidebar with various icons. The main area is titled "Databases" and contains a table with columns: Name, Size, # of Docs, Partitioned, and Actions. A search bar at the top right says "Database name". Below the table, it says "Showing 1–0 of 0 databases." and "Databases per page: 20". At the bottom right are navigation arrows and a log-out link.

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

The screenshot shows the Cloudant Dashboard with the "Create Database" modal open. In the modal, the "Database name" field contains "meowman". Under "Partitioning", the "Non-partitioned - recommended for most workloads" radio button is selected. Below the modal, there are "Cancel" and "Create" buttons. The main dashboard area shows the same databases list as the previous screenshot.

The database “meowman” was created successfully

A screenshot of the Cloudant Dashboard interface. The left sidebar shows navigation options: All Documents, Query, Permissions, Changes, Design Documents, and a Log Out button. The main panel displays a message "Database created successfully" in a green box. Below it is a large cloud icon. A message "No Documents Found" is centered. At the bottom, there is a footer bar with the text "Showing 0 documents. Documents per page: 20".

Result:

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