

CREATE A DATABASE IN CLOUDANT DB

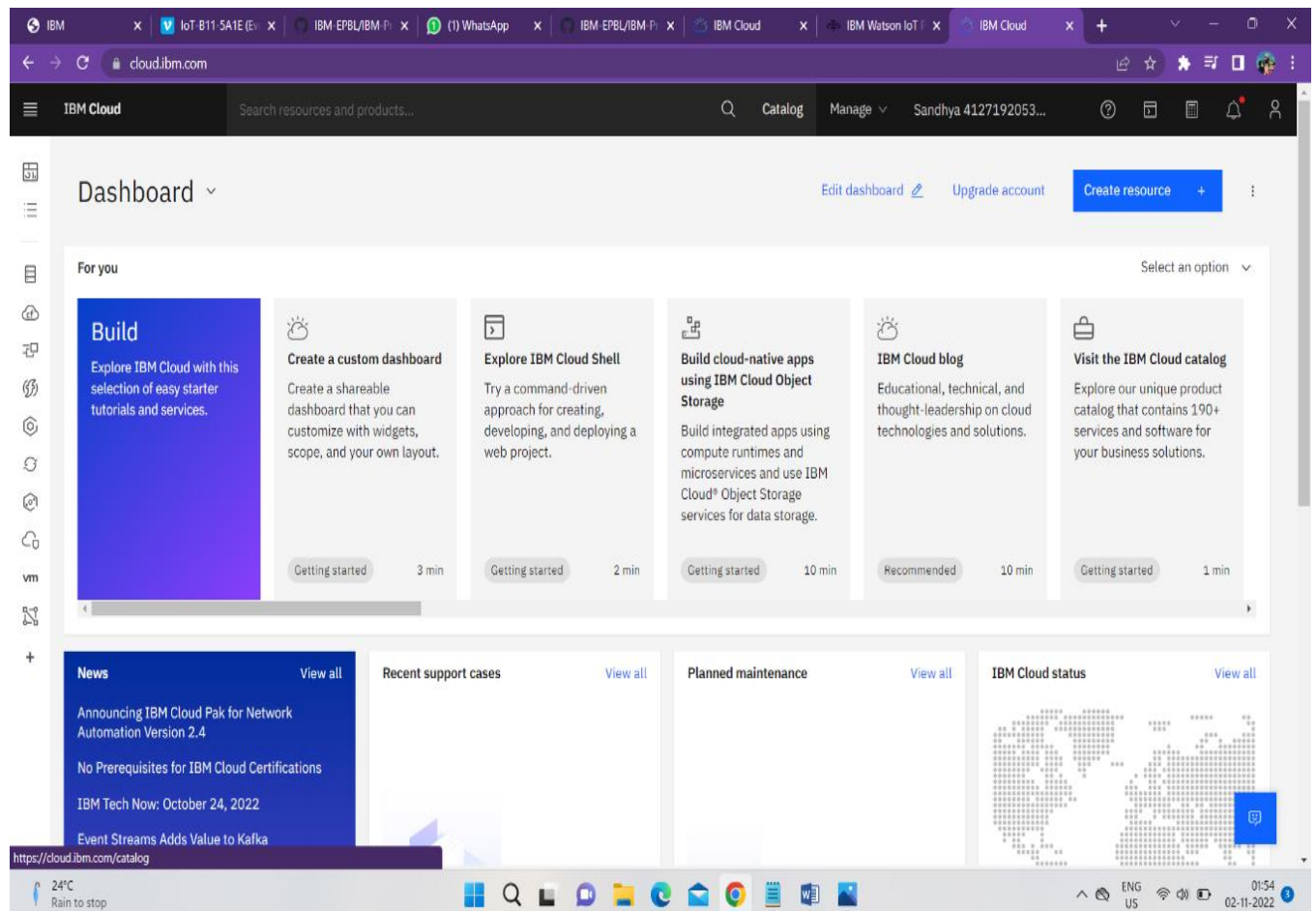
Date	02-11-2022
Team ID	PNT2022TMID38406
Project Name	Project - IOT based safety gadget for child safety monitoring and notification
Maximum Marks	4 Marks

Create A Database In Cloudant DB

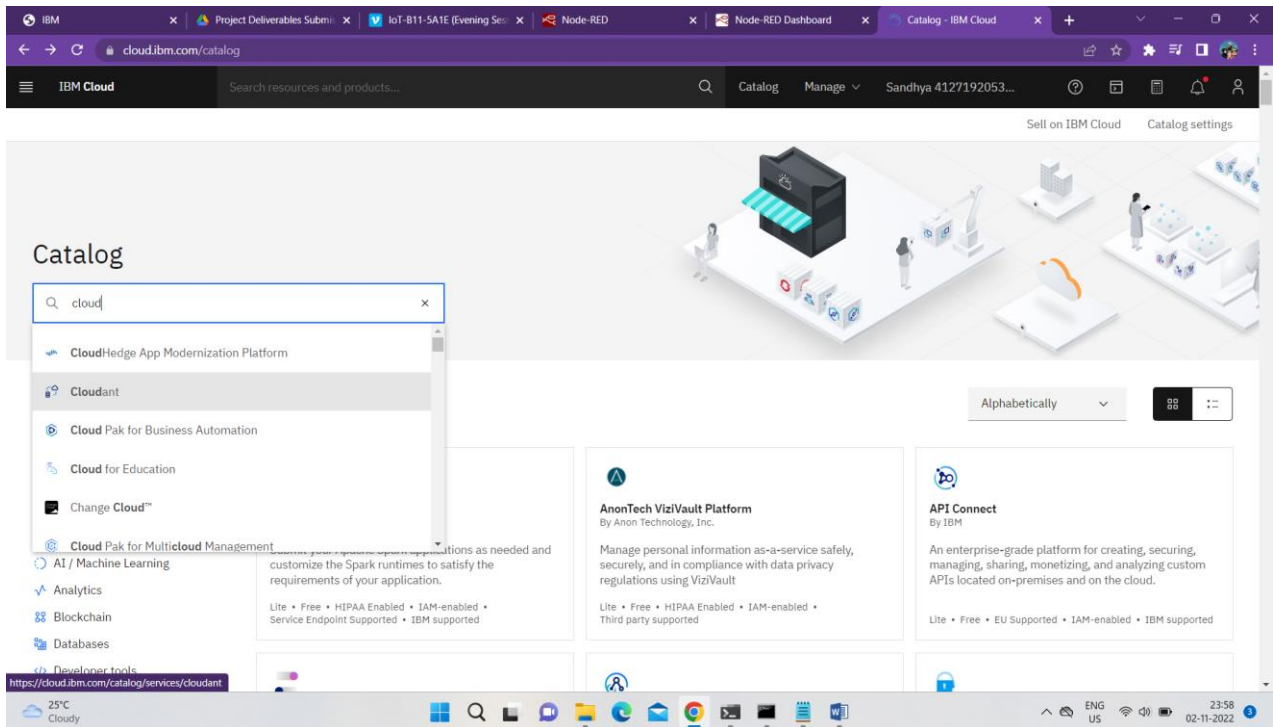
Aim: To create a database in Cloudant DB to store location data.

Steps followed:

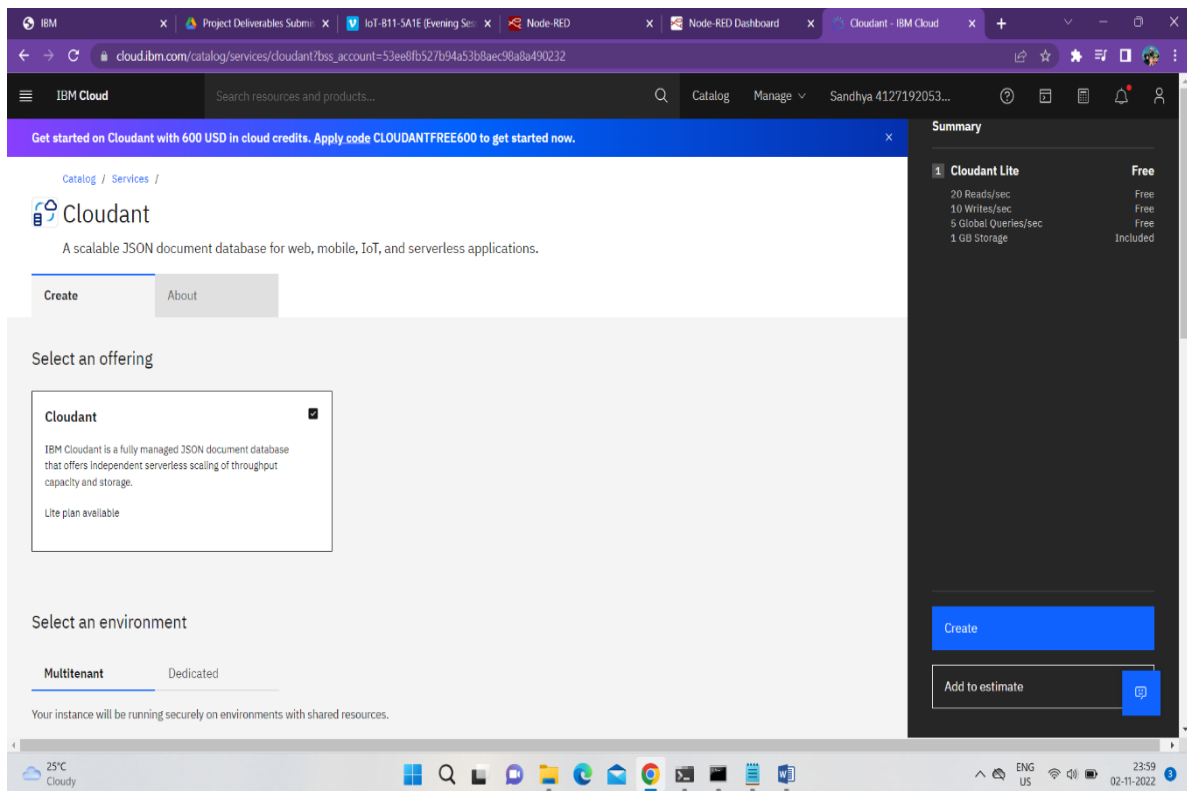
- Logged in to IBM Cloud account
- Navigated to `./resources`
- Clicked on the “Create Resource +” button



- Searched for “Cloudant”



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



The Cloudant database resource was created successfully

- Clicked on Launch Dashboard

The screenshot displays the IBM Cloud console interface. At the top, the browser address bar shows the URL: `cloud.ibm.com/services/cloudantnosqldb/crn%3A%3Apublic%3Acloudantnosqldb%3Ade%3A%2F53ee8fb527b94a53b8aec98a8a490232%3A80184689-e509-48b9-b1...`. The console header includes the IBM Cloud logo, a search bar, and navigation links for Catalog, Manage, and the user profile (Sandhya 4127192053...). The main content area shows the resource details for `node-red-aeddk-2022--cloudant-1667373040549`, which is in an **Active** state. The **Overview** tab is selected, displaying deployment details such as CRN, Location (Frankfurt), External endpoint, and Authentication methods. A **Launch Dashboard** button is visible in the top right corner of the resource details section. The bottom of the screen shows a Windows taskbar with various application icons and system status information (25°C, Cloudy, 01:33, 03-11-2022).

Resource list / `node-red-aeddk-2022--cloudant-1667373040549` Active [Add tags](#) [Details](#) [Actions...](#)

Manage Overview Capacity Docs [Launch Dashboard](#)

Service credentials
Plan
Connections

Deployment details

CRN `crn:v1:bluemix:public:cloudantnosqldb:eu-de:a/53ee8fb527b94a53b8aec98a8a490232:80184689-e509-48b9-b1b1-bd239af90c0e::`

Location Frankfurt

External endpoint <https://fb56fef8-4987-4703-96be-3358e18a3fa6-bluemix.cloudant.com>

External endpoint (preferred) <https://fb56fef8-4987-4703-96be-3358e18a3fa6-bluemix.cloudantnosqldb.appdomain.cloud>

Authentication methods [IBM Cloud IAM](#) and [Cloudant credentials](#) [Migrate to IAM Only](#)

Activity Tracker event types [Management](#) [Save](#)

Disk encryption Yes. Automatically generated disk encryption key.

https://fb56fef8-4987-4703-96be-3358e18a3fa6-bluemix.cloudant.com/_api/v2/tmid_sso/st...

25°C Cloudy [Windows](#) [Search](#) [Taskbar](#) [System tray](#) [Language](#) [Time](#) [Date](#)

- Clicked on “Create Database”. Entered “ibm-batch11” as the database name and the “Non-partitioned” option

The screenshot shows the IBM Cloudant Databases dashboard in a web browser. The browser's address bar displays the URL: `fb56fe18-4987-4703-96be-3358e18a3fa6-bluemix.cloudant.com/dashboard.html`. The dashboard has a dark sidebar on the left with various icons, including a 'Log Out' button at the bottom. The main area is titled 'Databases' and contains a table with the following headers: 'Name', 'Size', '# of Docs', and 'Partitioned'. The table is currently empty, with a status message at the bottom right stating 'Showing 1-0 of 0 database'. On the right side, a 'Create Database' modal is open. It features a 'Database name' input field containing 'IBM Batch11'. Under the 'Partitioning' section, the 'Non-partitioned - recommended for most workloads' option is selected with a radio button, while the 'Partitioned' option is unselected. Below these options is a link that says '> Which should I choose?'. At the bottom of the modal are two buttons: 'Cancel' and 'Create'. The Windows taskbar at the bottom of the screen shows the date and time as '01:08 03-11-2022' and the language as 'ENG US'.

Databases

Database name

Create Database {} JSON

Your Databases

Name	Size	# of Docs	Partitioned
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Showing 1-0 of 0 database

Create Database

Database name

IBM Batch11

Partitioning

☒ Non-partitioned - recommended for most workloads

☐ Partitioned

> Which should I choose?

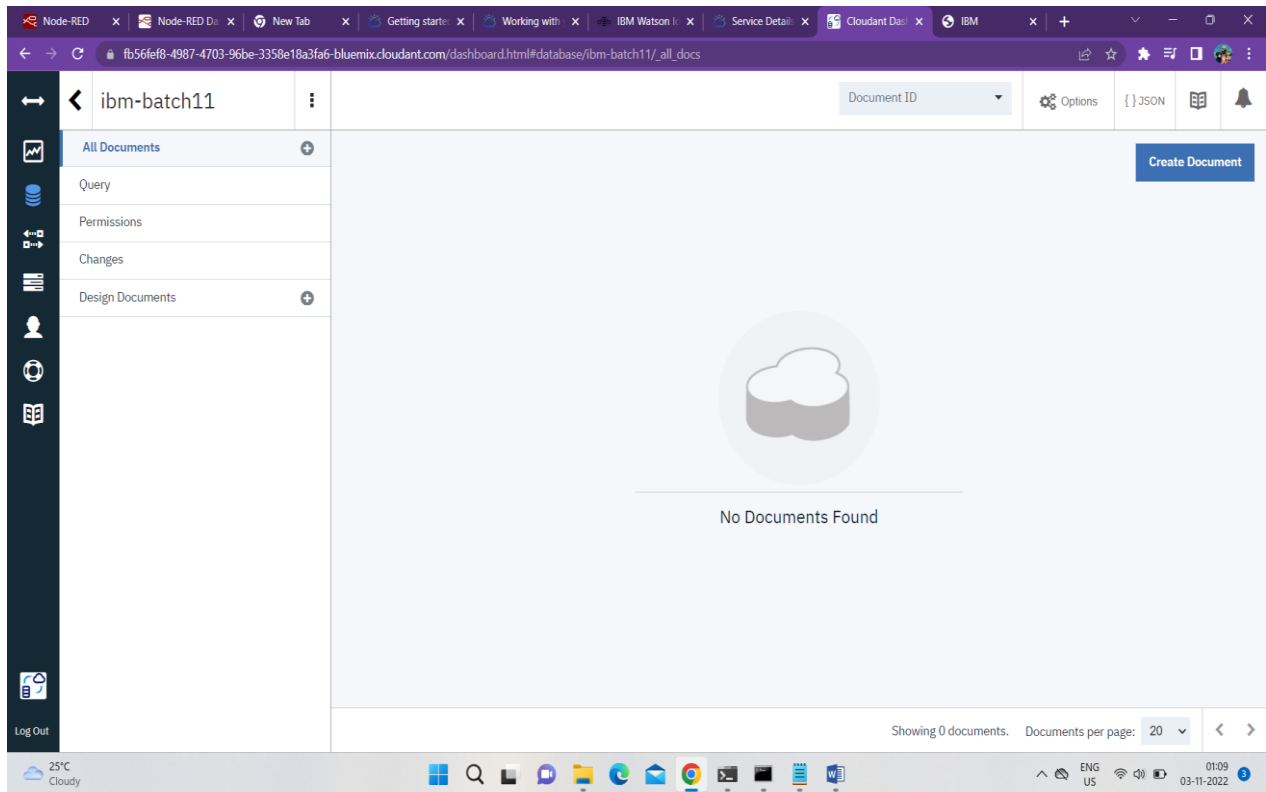
Cancel Create

Log Out

25°C Cloudy

01:08 03-11-2022

- The database “ibm-batch11” was created successfully



Result:

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