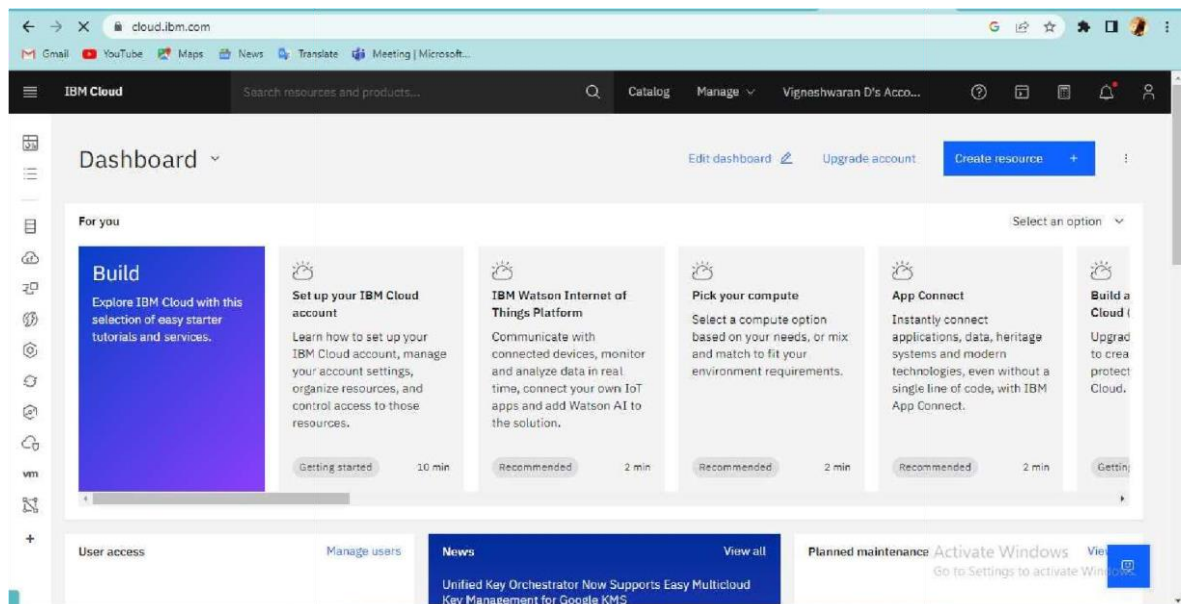


# Create A Database In Cloudant DB

Date	01 October 2022
Team ID	PNT2022TMID45497
Project Name	Project –IOT based smart Crops protection system.

□ To create a database in Cloudant DB to store location dataSteps:

1. Login to IBM Cloud account
2. Click“ Create Resource+”button



3. Search for “Cloudant”
4. Choose the“ Lite Version”
5. Click on “ Create”

The screenshot displays the IBM Cloud console interface for managing a Cloudant database resource. The top navigation bar includes the IBM Cloud logo, a search bar, and user information. The main content area is divided into a left sidebar with 'Manage' (Service credentials, Plan, Connections) and a central 'Overview' tab. The 'Overview' tab shows deployment details such as CRN, Location (London), and External endpoints. A 'Launch Dashboard' button is present. Below the overview, the 'Plan' section compares 'Lite' and 'Standard' plans. The 'Capacity' section lists performance metrics: 20 Reads/sec, 10 Writes/sec, 5 Queries/sec, and 1 GB Storage. A 'Summary' panel on the right provides a concise overview of the 'Cloudant Lite' plan and includes a 'Create' button.

**Deployment details**

CRN	crn:v1:bluemix:public:cloudantnosqldb:eu-gb:a/80ad3cd9b9ec4cee9e023e6c0712dd01:9400fd9c-0d4c-41e8-9add-47f74c316e2a::
Location	London
External endpoint	<a href="https://466e7f40-3b9a-4b10-a2fe-9f70a35a57b4-bluemix.cloudant.com">https://466e7f40-3b9a-4b10-a2fe-9f70a35a57b4-bluemix.cloudant.com</a>
External endpoint (preferred)	<a href="https://466e7f40-3b9a-4b10-a2fe-9f70a35a57b4-bluemix.cloudantnosqldb.appdomain.cloud">https://466e7f40-3b9a-4b10-a2fe-9f70a35a57b4-bluemix.cloudantnosqldb.appdomain.cloud</a>
Authentication methods	IBM Cloud IAM

**Plan**

Plan	Description	Price
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**

Metric	Value
Reads per second	20
Writes per second	10
Queries per second	5
GB Storage included	1

**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](#)

6. The Cloudant database resource created

7. Click on launch dashboard

Databases




Database name

Create Database

[ ] JSON

Log Out

Your Databases

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

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

8. Click “Create Database”. Entered “Ishwarya” as the database name and the “Non-partitioned” option

9. The database “Ishwarya” has been created.

Conclusion:

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