

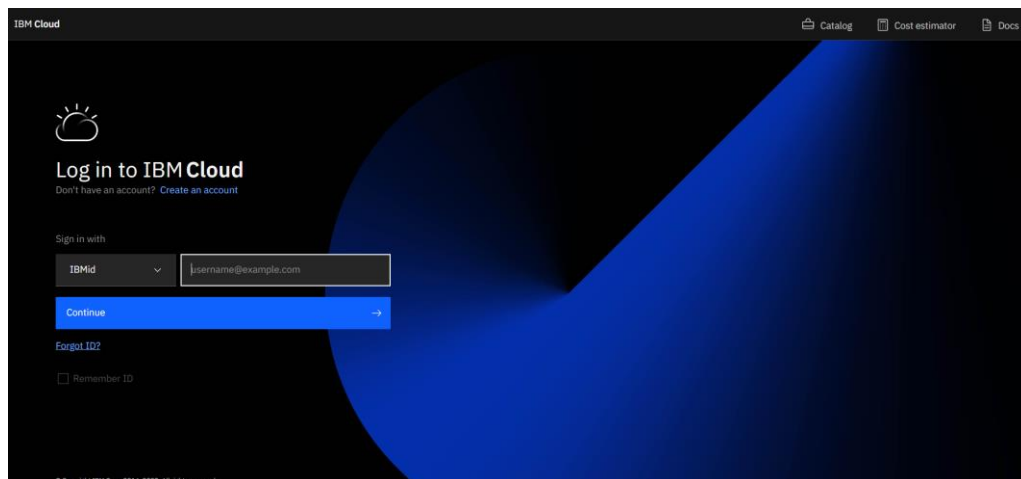
Create and Configure IBM Cloud Services

Create a Database in Cloudbant DB

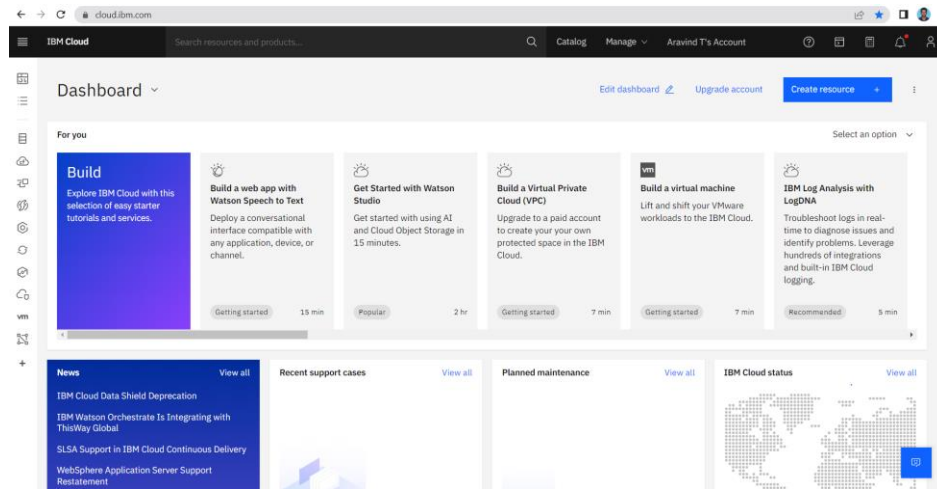
Date	30 October 2022
Team ID	PNT2022TMID12738
Project Name	IoT Based Safety Gadget for Child Safety Monitoring and Notification

STEPS:

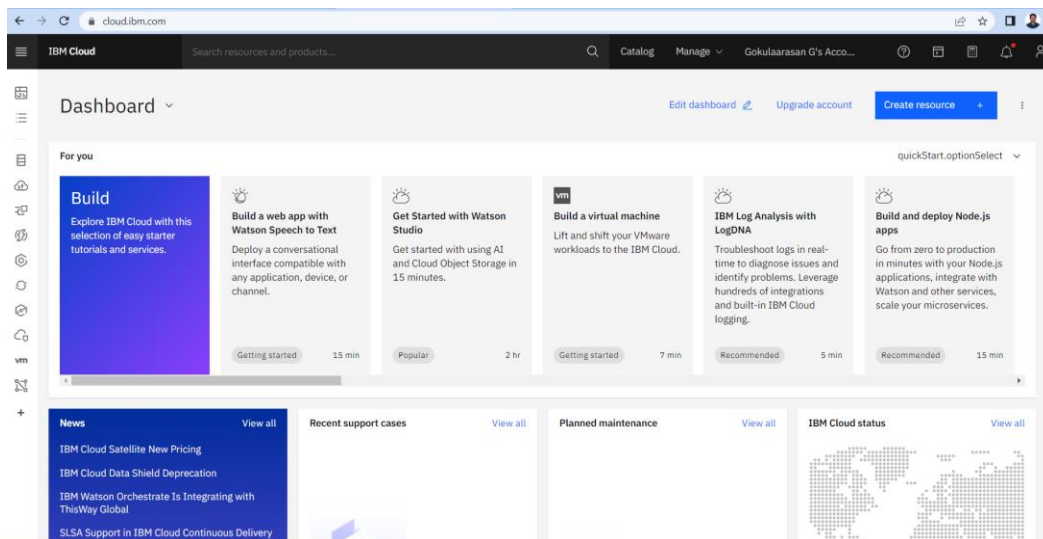
Create an IBM account with the given IBM credentials



Home page of the IBM Cloud



Click Create Resource + button



Search Cloudant in Catalog and choose the Lite version, then Click Launch Dashboard

The screenshot shows the IBM Cloud Catalog interface. At the top, there's a search bar and navigation links. The main content area is titled 'Cloudant' and describes it as a scalable JSON document database. Below this, there's a 'Select an offering' section with a single option 'Cloudant' which is selected. Underneath, there's a 'Select an environment' section with 'Multitenant' selected. On the right side, there's a 'Summary' panel for the 'Cloudant Lite' plan, showing it's free with 20 reads/sec, 10 writes/sec, 5 global queries/sec, and 1 GB storage. At the bottom right, there are 'Create' and 'Add to estimate' buttons.

IBM Cloud

Search resources and products...

Cloudant

A scalable JSON document database for web, mobile, IoT, and serverless applications.

Create About

Select an offering

Cloudant

IBM Cloudant is a fully managed JSON document database that offers independent serverless scaling of throughput capacity and storage.

Lite plan available

Select an environment

Multitenant Dedicated

Your instance will be running securely on environments with shared resources.

Available regions

Sydney

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 screenshot shows the IBM Cloud console for a specific Cloudant instance. The instance name is 'node-red-ukcsw-2022--cloudant-1668321186742'. The 'Overview' tab is selected, showing deployment details like CRN, Location (Frankfurt), and External endpoints. There are also sections for Authentication methods, Activity Tracker event types, and Disk encryption. A 'Launch Dashboard' button is visible in the top right.

IBM Cloud

Search resources and products...

node-red-ukcsw-2022--cloudant-1668321186742 Active Add tags

Details Actions...

Manage Overview Capacity Docs

Service credentials Plan Connections

Deployment details

CRN cmv:1:bluemix:public:cloudantnosqldb:eu-de:a/48813e1a33534a85b1b8463923ec148:03cbbc77-cbb3-43a0-862f-726d6b4f1c44::

Location Frankfurt

External endpoint <https://647a6623-a9ef-4c6c-a896-7e197a832b03-bluemix.cloudant.com>

External endpoint (preferred) <https://647a6623-a9ef-4c6c-a896-7e197a832b03-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.

Launch Dashboard

The screenshot shows the IBM Cloud console for the same Cloudant instance, but now in the 'Plan' selection step. The 'Authentication method' is set to 'IAM'. There are two plan options: 'Lite' (selected) and 'Standard'. The 'Lite' plan is described as 'Full functionality for development and evaluation with a set capacity. Only one Lite plan instance per account.' and is 'Free - Only in multi-tenant'. The 'Standard' plan is described as 'Granular control over provisioned throughput capacity allocated. Billing prorated hourly.' and starts at '\$75.00/month'. Below the plans, there's a 'Capacity' section showing the limits for the selected plan: 20 Reads per second, 10 Writes per second, 5 Queries per second, and 1 GB Storage included. At the bottom right, there's a 'Cost calculator' button.

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

Cloudant Lite Free

20 Reads/sec Free

10 Writes/sec Free

5 Global Queries/sec Free

1 GB Storage Included

Create

Add to estimate

Then Create database with a desired name in Non – Partitioned option. Thus a database is successfully created

← → ↻

647a6623-a9ef-4c6c-a896-7e197a832b03-bluemix.cloudant.com/dashboard.html

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↔

Databases

Database name ▾

Create Database

{ } JSON

🔔

Your Databases

Name	Size	# of Docs	Partitioned	Actions
noderedukcsw20221113	21.1 KB	4	No	<div>↔ 🔒 📄</div>

Log Out

Showing 1–1 of 1 databases. Databases per page 20 ▾

« 1 »