

## Create And Configure IBM Cloud Service

### Create A Database in Cloudant DB

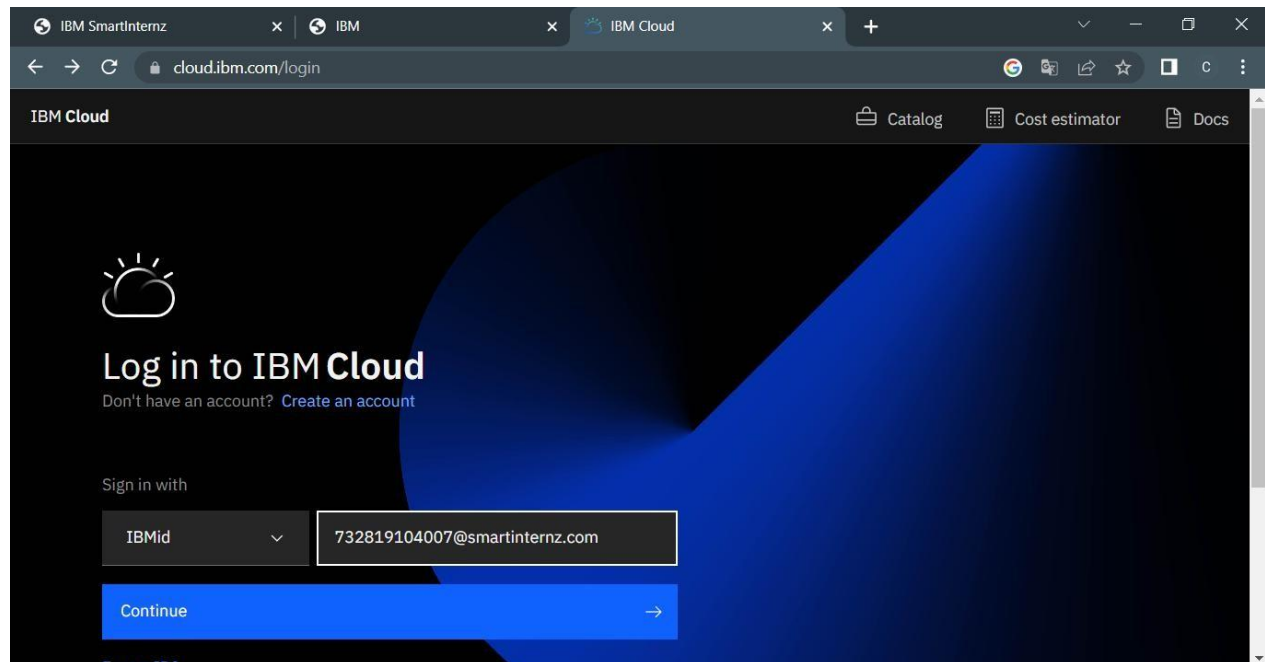
Date	05 November 2022
Team ID	PNT2022TMID44818
Project Name	IoT- Smart Solution for Railways
Maximum Marks	4 Marks

### AIM

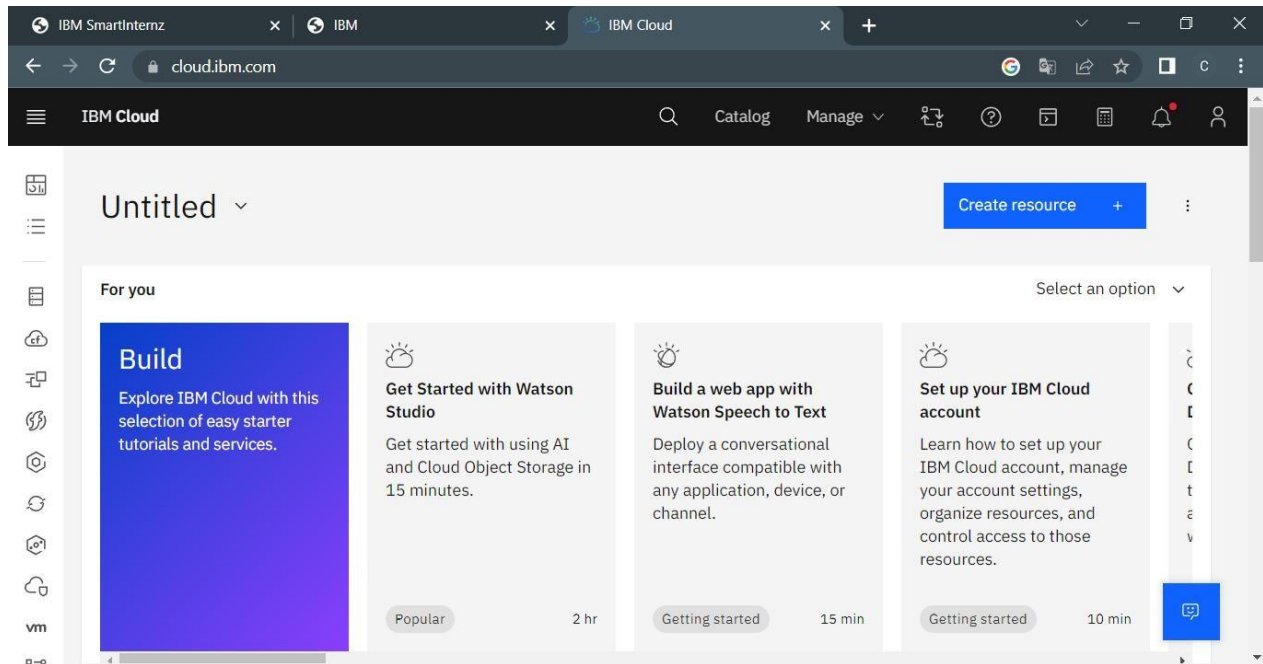
To create a database in Cloudant DB to store location data

### STEPS

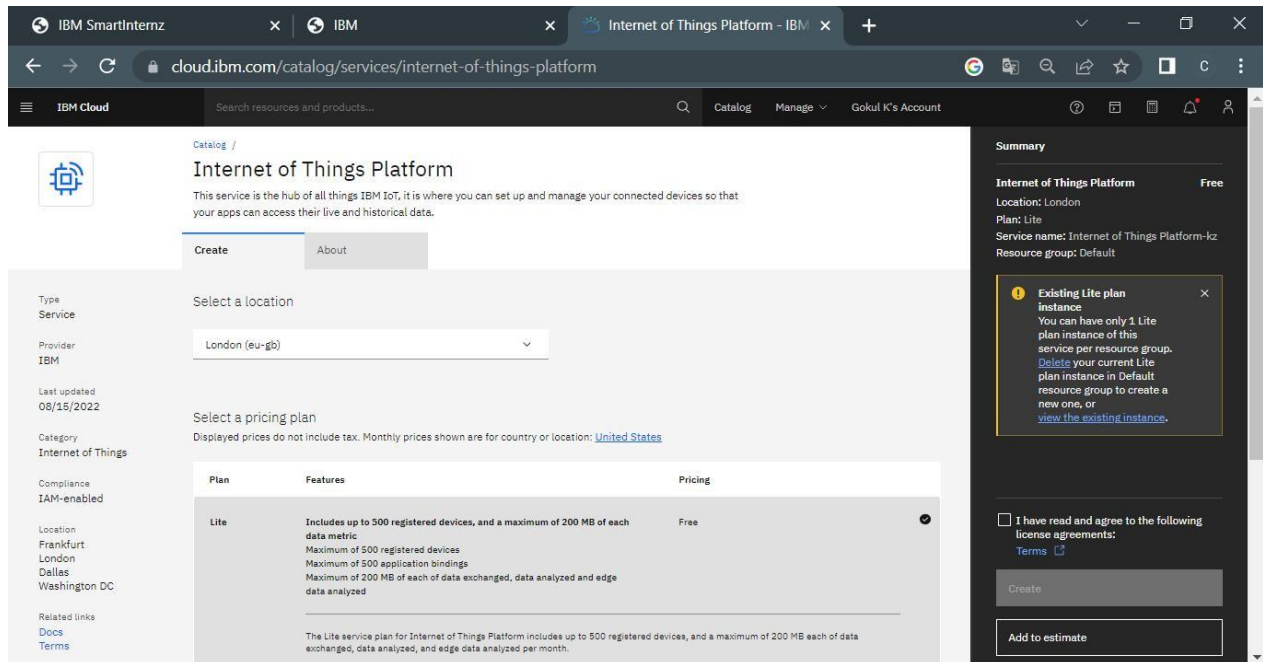
1. Login to IBM Cloud with smart internz mail ID and Password.



## 2. Click “Create Resource +” button



## 3. Search Cloudant in Catalog then Choose the Lite version



IBM SmartInternz

IBM

Internet of Things Platform - IBM

cloud.ibm.com/catalog/services/internet-of-things-platform

IBM Cloud

Search resources and products...

Catalog

Manage

Gokul K's Account

Category

Internet of Things

Compliance

IAM-enabled

Location

Frankfurt

London

Dallas

Washington DC

Related links

Docs

Terms

Displayed prices do not include tax. Monthly prices shown are for country or location: [United States](#)

Plan	Features	Pricing
Lite	<p>Includes up to 500 registered devices, and a maximum of 200 MB of each data metric</p> <p>Maximum of 500 registered devices</p> <p>Maximum of 500 application bindings</p> <p>Maximum of 200 MB of each of data exchanged, data analyzed and edge data analyzed</p> <p>The Lite service plan for Internet of Things Platform includes up to 500 registered devices, and a maximum of 200 MB each of data exchanged, data analyzed, and edge data analyzed per month.</p> <p>Lite plan services are deleted after 30 days of inactivity.</p>	Free

Configure your resource

Service name

Internet of Things Platform-kz

Select a resource group

Default

Tag

Examples: env:dev, version-1

Access management tags

Examples: access:dev, proj:version-1

Summary

Internet of Things Platform

Free

Location:

London

Plan:

Lite

Service name:

Internet of Things Platform-kz

Resource group:

Default

Existing Lite plan instance

You can have only 1 Lite plan instance of this service per resource group. [Delete](#) your current Lite plan instance in Default resource group to create a new one, or [view the existing instance.](#)

I have read and agree to the following license agreements:

[Terms](#)

Create

Add to estimate

#### 4. The Cloudant database resource created

IBM SmartInternz

IBM

Service Details - IBM Cloud

IBM Watson IoT Platform

cloud.ibm.com/services/iotf-service/cm%3Av1%3Abluemix%3Apublic%3Aiotf-service%3Aeu-de%3Aa%2F3c...

IBM Cloud

Search resources and products...

Catalog

Manage

Gokul K's Account

Resource list /

Internet of Things Platform-gc

Active

Add tags

Details

Actions...

Manage

Plan

Connections

Let's get started with IBM Watson IoT Platform

Securely connect, control, and manage devices. Quickly build IoT applications that analyze data from the physical world.

Launch

Docs

Ready for the next level?

IBM Watson IoT Platform Journey

✓

Lite

The Lite service plan provides a lightweight development environment to get you started with the connectivity capabilities of Watson IoT Platform.

- Free
- 200 MB data-transfer limit

○

Non-Production

The Non-Production service plan is a full-featured, fully-integrated offering that enables you to explore Watson IoT Platform to see how the service can fit into your IoT environment.

- Starts at \$500 per month
- Capacity limit based on device type

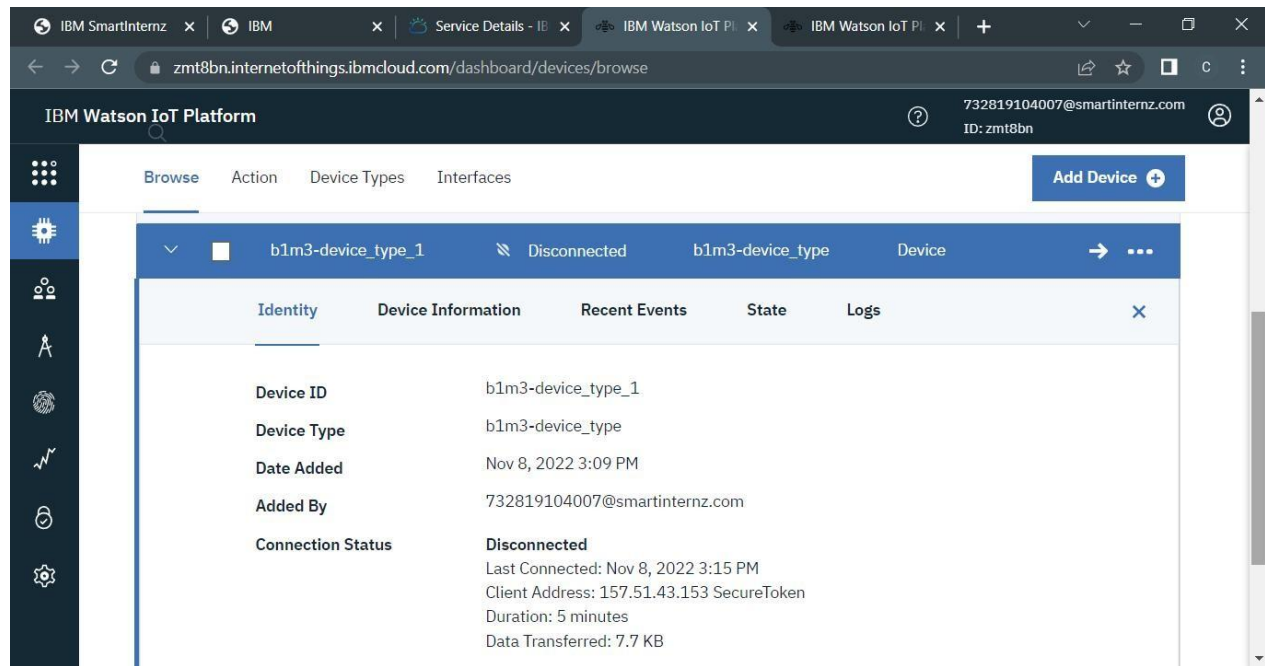
○

Production

The Production service is a fully managed SaaS offering that enables you to manage and analyze enterprise IoT data.

- Includes IBM Service & Support
- Pricing based on number of devices per

5. click on launch dashboard



8. Click “Create Database”. Entered “child\_safety\_device” as the database name and the “Non-partitioned” option.

9. The database “child\_safety\_device” has been created and it's work Successfully

## **RESULT:**

A database to store the location data on Cloudata DataBase has been created successfully.

**TEAM ID : PNT2022TMID44818**

**TEAM SIZE : 5**

**TEAM LEADER : ASWIN.E**

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