

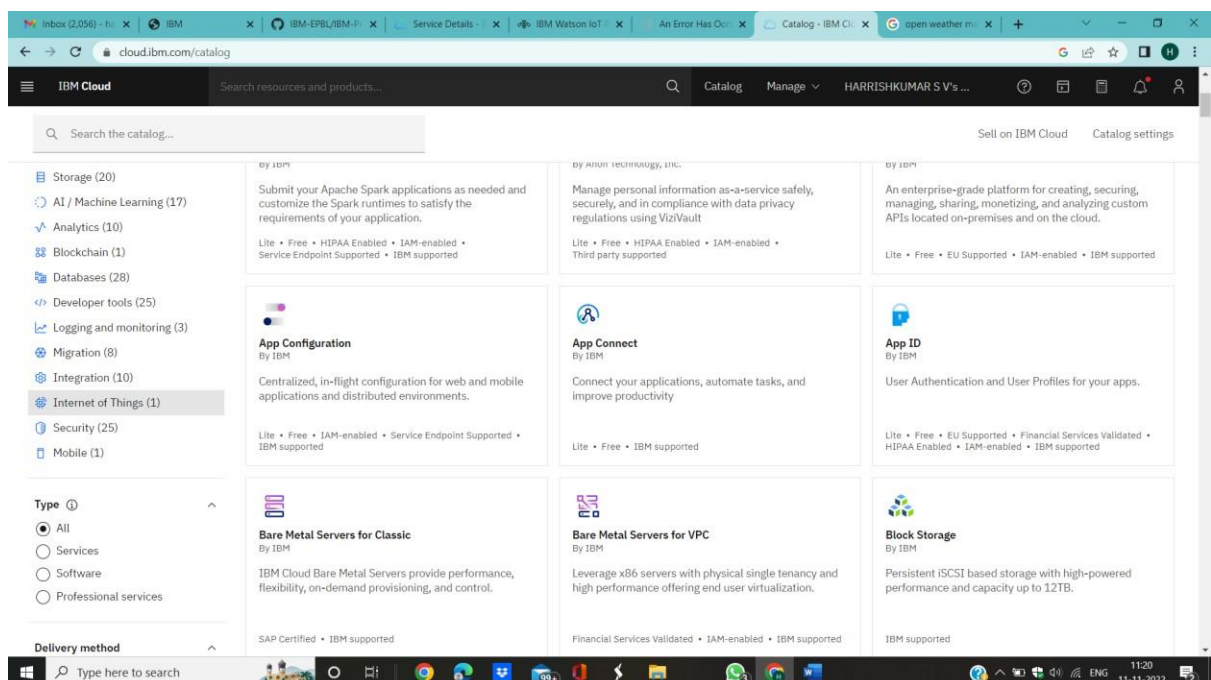
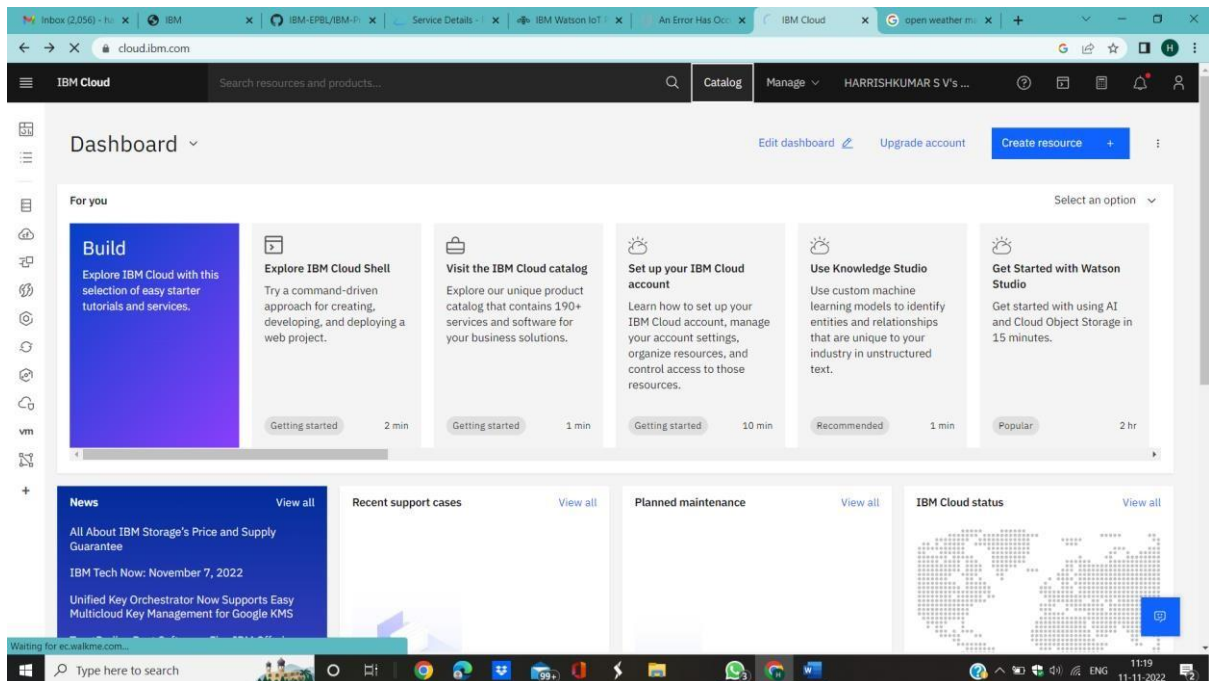
## Sprint – 1(1)

### Initializing resources

Team ID	PNT2022TMID52810
Project Name	Project - Signs with smart connectivity for Better road safety

Create and initialize accounts in various public APIs like OpenWeatherMap API, Node-red, IBM cloud.

### IBM Watson IoT platform:



cloud.ibm.com/catalog?category=iot

IBM Cloud

Search resources and products...

Search the catalog...

Sell on IBM Cloud Catalog settings

Internet of Things

Viewing 1 product

Filters: Internet of Things X Clear all

**Internet of Things Platform**  
By IBM

This service is the hub of all things IBM IoT, it is where you can set up and manage your connected devices so that your apps can access their live and historical data.

Lite • Free • IAM-enabled • IBM supported

Type: All Services Software Professional services

Provider: IBM (1)

Pricing plan: Lite Free

Compliance: IAM-enabled

[Learn more](#)

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

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

IBM Cloud

Search resources and products...

Internet of Things

Compliance: IAM-enabled

Location: Frankfurt London Dallas Washington DC

Related links: Docs Terms

Plan	Features	Pricing
Lite	Includes up to 500 registered devices, and a maximum of 200 MB of each data metric Maximum of 500 registered devices Maximum of 500 application bindings Maximum of 200 MB of each of data exchanged, data analyzed and edge data analyzed	Free

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.

Lite plan services are deleted after 30 days of inactivity.

Configure your resource

Service name: Harish

Tags: Examples: env:dev, version-1

Select a resource group: Default

Access management tags: Examples: access:dev, proj:version-1

**Summary**

**Internet of Things Platform** Free

Location: London  
Plan: Lite  
Service name: Harish  
Resource group: Default

☒ I have read and agree to the following license agreements:  
[Terms](#)

Create

Add to estimate

cloud.ibm.com/services/iot-service/cm/3Av1%3Abluemix%3Apublic%3Aiof-service%3Aeu-gb%3Aa%2F0e701a61b964199a86ae96dd94c67193A9ae585e-0eba-4f34-bf72-d96f-671f100c...

IBM Cloud

Search resources and products...

Resource list: Harish 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

The screenshot displays the 'Browse Members' page in the IBM Watson IoT Platform. The page header shows the platform name and user information (2004201ec@cit.edu.in, ID: tmwrsv). A sidebar on the left contains navigation icons. The main content area has a 'Browse' tab and an 'Add Members' button. Below this is a search bar and a paragraph explaining the table's purpose. A table lists the members, with one entry visible: 2004201ec@cit.edu.in, Administrator. The table has columns for Email Address, Name, Role, Added By, and Expires. A search bar is located above the table.

IBM Watson IoT Platform

2004201ec@cit.edu.in  
ID: tmwrsv


+ Add Members

## Browse Members

Type the member email to search for

This table shows a summary of the members of the organization. It can be filtered, organized, and search on using different criteria. To get started, you can add members by clicking Add Members, or by using the API. For more information about members, see [Managing user access](#).

<input type="checkbox"/>	Email Address	Name	Role	Added By	Expires	
1 result						
<input type="checkbox"/>	2004201ec@cit.edu.in	2004201ec@cit.edu.in	Administrator	-	-	


Weather in your city

[Guide](#)
[API](#)
[Dashboard](#)
[Marketplace](#)
[Pricing](#)
[Maps](#)
[Our Initiatives](#)
[Partners](#)
[Blog](#)
[For Business](#)
[SET...](#)
[Support](#)


# OpenWeather

## Weather forecasts, nowcasts and history in a fast and elegant way

⚡ Different Weather?
Metric: °C, mmHg Imperial: °F, mph

Nov 11, 11:48am

### Coimbatore, IN



21°C

Feels like 22°C. Light intensity drizzle. Gentle Breeze

☂ 2.37mm
↙ 4.1m/s ENE

🌡 1015hPa
💧 Humidity: 100%
☀ UV: 7

💧 Dew point: 21°C
👁 Visibility: 1.7km



#### Hourly forecast

Time	Temp	Wind	Precip
11am	26°	4.6km/h	90%
12pm		6.47km/h	
1pm			
2pm			
3pm			
4pm			
5pm			
6pm			
7pm			
8pm			

#### 8-day forecast

Date	Temp	Weather
Fri, Nov 11	23 / 20°C	heavy intensity rain
Sat, Nov 12	26 / 20°C	heavy intensity rain

## Web application using Node - RED service:

The image displays the IBM Cloud console for a Node RED service instance named 'Node RED WRXIA 2022-11-13'. The console shows details such as the App URL, Source, Resource group, and Deployment target. It also displays the Deployment Automation status as 'Success' and the Delivery Pipelines. A 'Getting started quickly' guide is visible on the right.

The Node-RED web interface is shown below the console, featuring a red header with the text 'Node-RED on IBM Cloud' and 'Node-RED Flow-based programming for the Internet of Things'. A button labeled 'Go to your Node-RED flow editor' is present.

The Node-RED flow editor interface is shown at the bottom, displaying a flow with a 'msg.payload' node connected to an 'IBM IoT' node. The left sidebar shows a list of nodes, and the right sidebar shows a debug console with logs.