

## IBM WATSON IOT PLATFORM

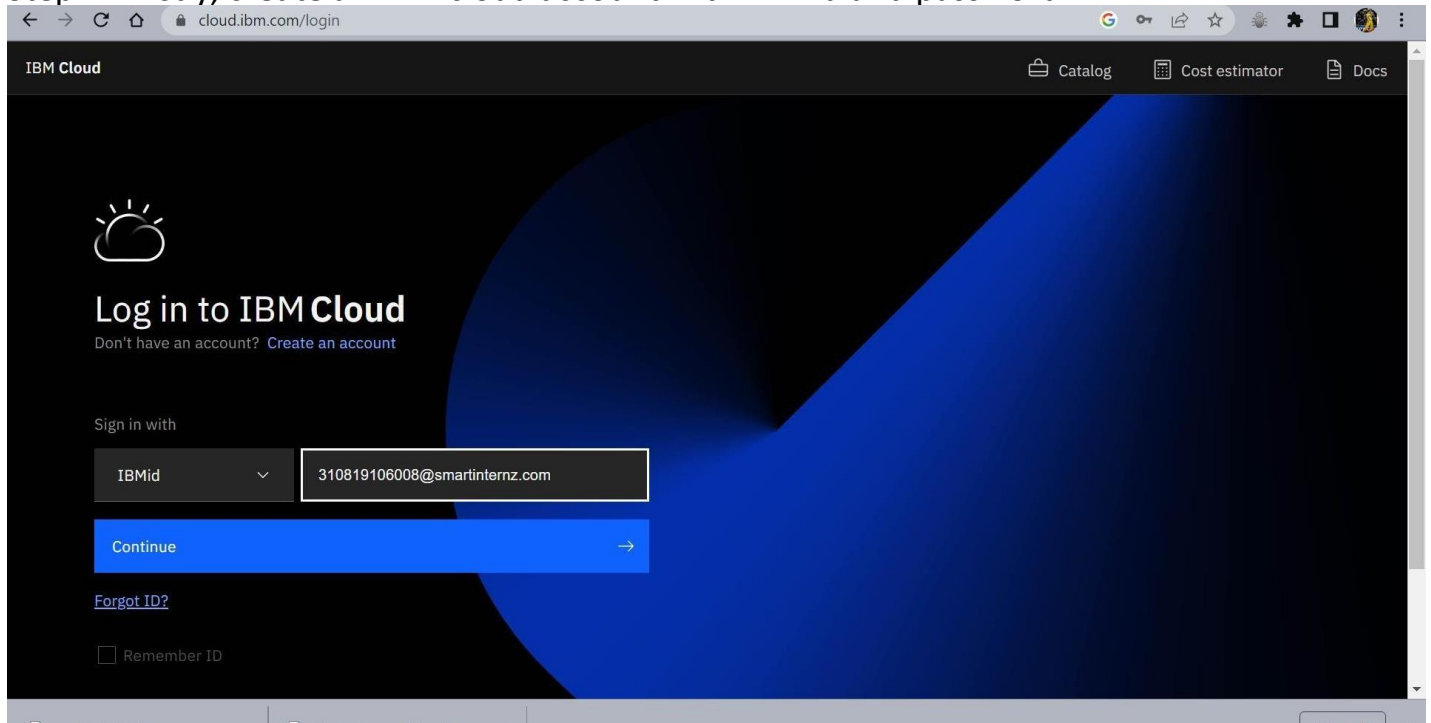
<b>PROJECT NAME</b>	GAS LEAKAGE MONITORING & ALERTING SYSTEM FOR INDUSTRIES
<b>TEAM ID</b>	PNT2022TMID03557
<b>TEAM MEMBERS</b>	1. GIRISH M 2. GOKUL SARAN K 3. JAGADEEBAN T 4. THOLKAPIAN K
<b>BRANCH</b>	ELECTRONICS AND COMMUNICATION ENGINEERING

### AIM:

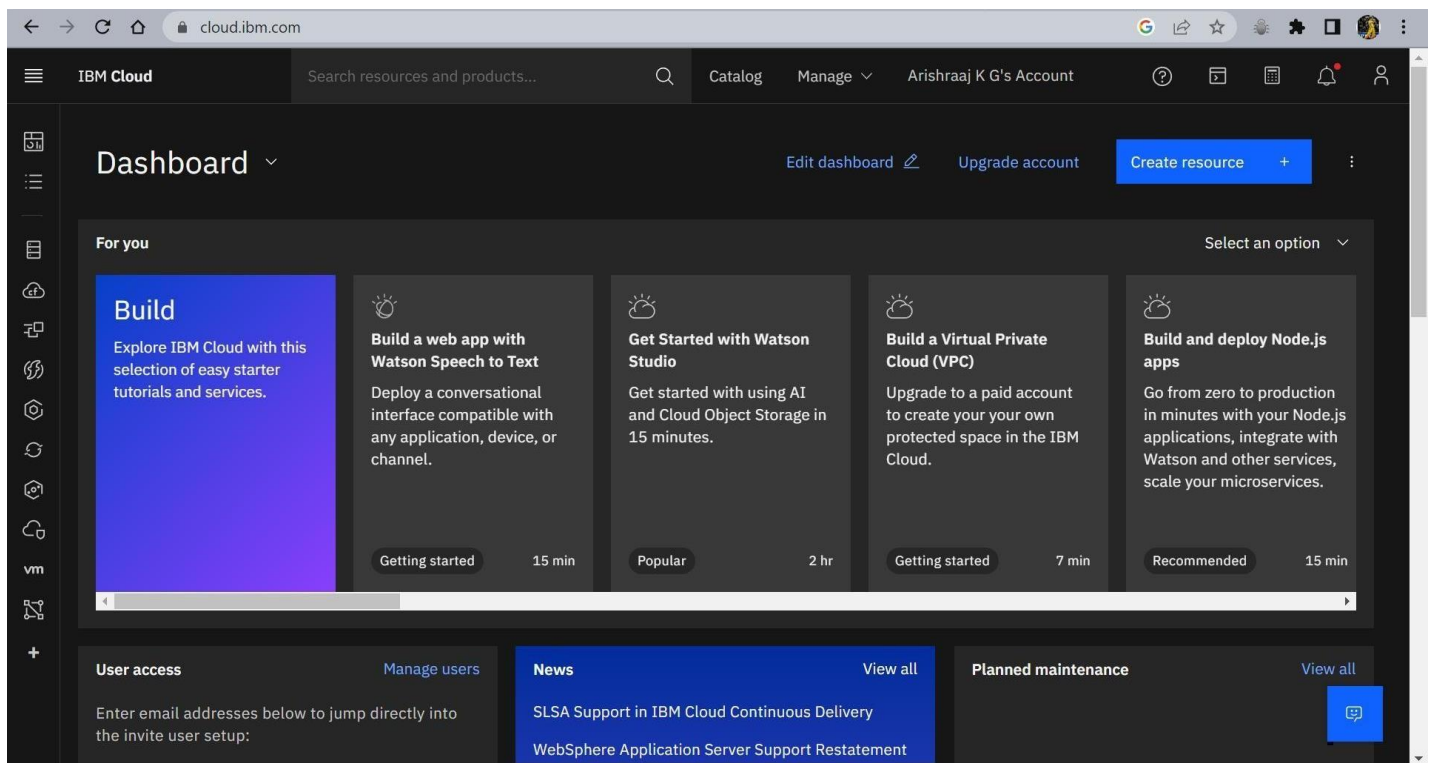
To create the IBM Watson IoT platform and device.

### Steps to be followed

Step 1: Firstly, create an IBM cloud account with IBM id and password.



Step 2: Home page of IBM cloud.



Step 3: Click on IoT in the category mentioned.

The screenshot shows the IBM Cloud Catalog interface. The URL is [cloud.ibm.com/catalog?category=iot](https://cloud.ibm.com/catalog?category=iot). The page displays the 'Internet of Things' category with a search bar and filters. The 'Type' filter is set to 'All', and the 'Provider' filter is set to 'IBM (1)'. The 'Pricing plan' filter is set to 'Lite'. The main content area shows the 'Internet of Things Platform' by IBM, described as '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.' The pricing plan is 'Lite • Free • IAM-enabled • IBM supported'.

Step 4: If already a lite is present delete it else u can't create another.

The screenshot shows the IBM Cloud Catalog interface for the 'Internet of Things Platform'. The URL is [cloud.ibm.com/catalog/services/internet-of-things-platform](https://cloud.ibm.com/catalog/services/internet-of-things-platform). The page displays the 'Internet of Things Platform' by IBM, described as '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.' The 'Create' button is highlighted. The 'Select a location' dropdown is set to 'London (eu-gb)'. The 'Select a pricing plan' dropdown is set to 'Lite'. The pricing plan details are shown in a table:

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,	Free

A warning message is displayed: '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.' The 'Create' button is disabled.

Step 5: Click on the launch button.

The screenshot shows the IBM Cloud IoT Platform console. The top navigation bar includes the IBM Cloud logo, a search bar, and links to Catalog, Manage, and the user's account (Arishraaj K G's Account). The main content area is titled "Internet of Things Platform-am" and shows a "Launch" button. Below the "Launch" button, there is a section titled "Ready for the next level?" with a progress bar showing "Lite" and "Non-Production" options. The "Lite" option is selected, and the "Non-Production" option is also visible. The "Launch" button is highlighted in blue.

Step 6: Once it is logged in, the name will be displayed click on it and then click on Bluemix Free.

The screenshot shows the IBM Watson IoT Platform dashboard. The top navigation bar includes the IBM Watson IoT Platform logo, a search bar, and links to ? (help), arishraaj076@gmail.com (user profile), and ID: (select org). The main content area is titled "Equipment" and features a large graphic with the text "Collect data from Equipment and make value from it". A "Sign out" button is visible in the top right corner. The "Sign out" button is highlighted in blue.

Step 7: This is the IBM Watson platform.

IBM Watson IoT Platform

arishraaj076@gmail.com  
ID: 8eoyrc

Browse Action Device Types Interfaces



Add Device +


## Browse Devices

All Devices Diagnose

This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using different criteria. To get started, you can add devices by using the Add Device button, or by using API.

Search by Device ID

Device Simulator ☒  

<input type="checkbox"/>	Device ID	Status	Device Type	Class ID	Date Added
> <input type="checkbox"/>	12345	 Disconnected	Testdevicetype	Device	Nov 14, 2022 10:44 PM

Items per page 50 | 1-1 of 1 item

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1 Simulation running

## **Result:**

An IBM Watson cloud for IoT and a device is created Successfully.