

Create and Configure IBM services

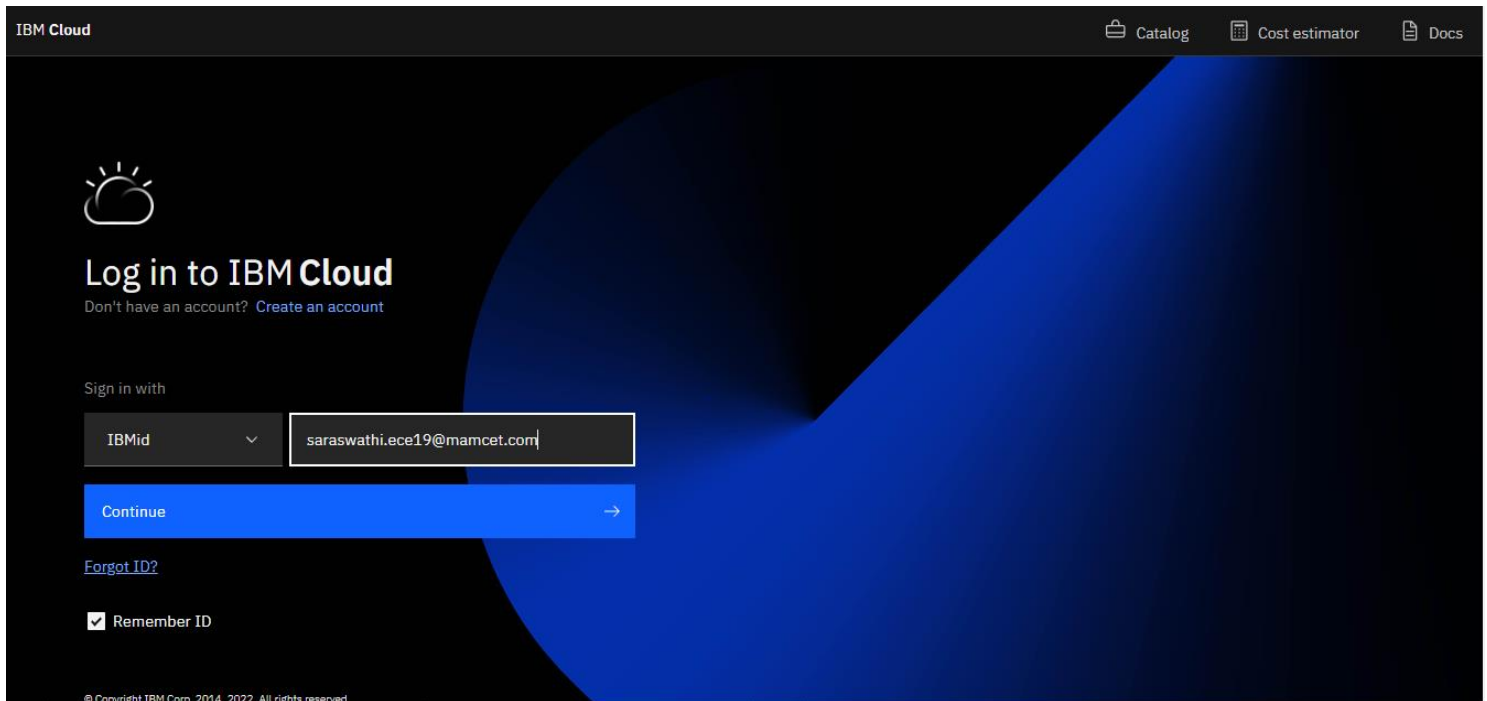
IOT Watson Platform

SmartFarmer - IoT Enabled Smart Farming Application

Team ID: PNT2022TMID45187

Date:15/11/2022

Step1: Log in your registered id



IBM Cloud

Catalog Cost estimator Docs

Log in to IBM Cloud

Don't have an account? [Create an account](#)

Sign in with

IBMid

saraswathi.ece19@mamcet.com

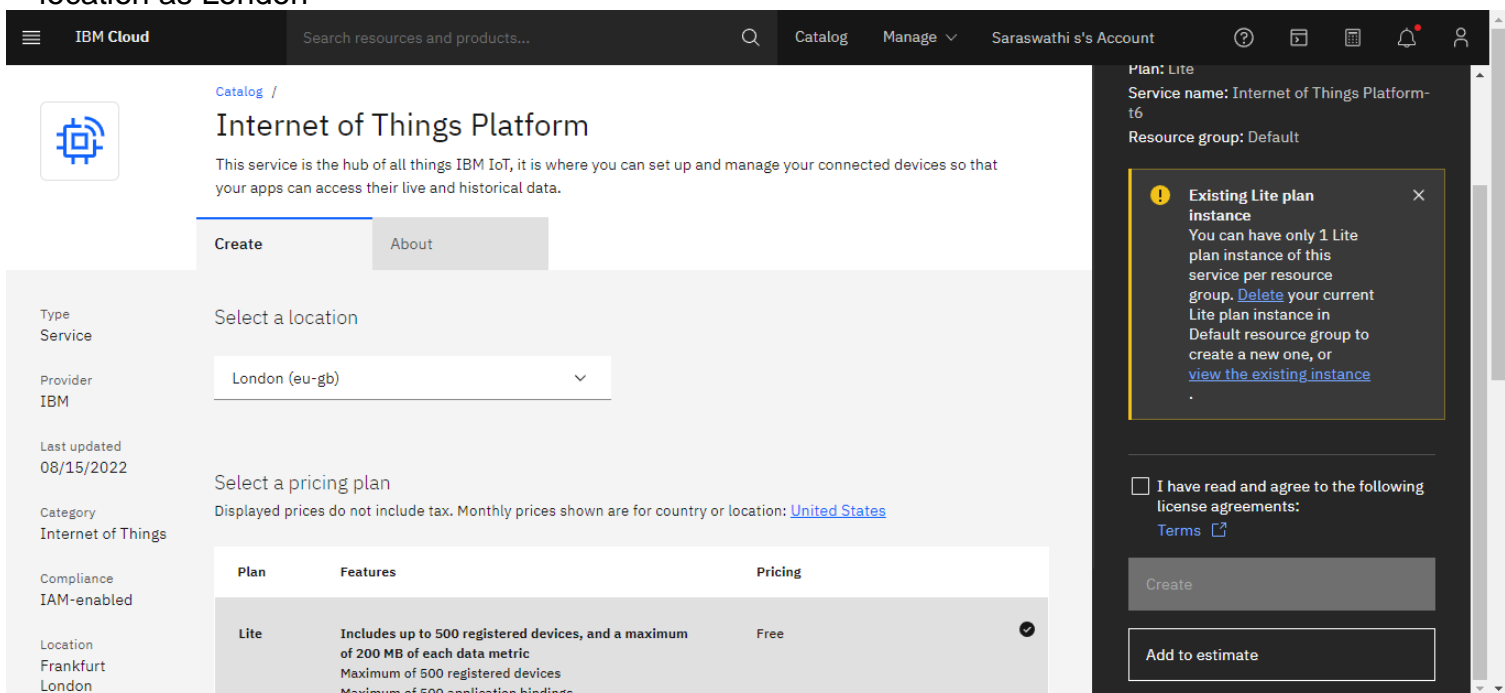
Continue

[Forgot ID?](#)

☒ Remember ID

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Step 2: click catalog where you find the services and internet of thing you can select and make location as London



IBM Cloud

Search resources and products...

Catalog Manage Saraswathi s's Account

Internet of Things Platform

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.

Create About

Select a location

London (eu-gb)

Select a pricing plan

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

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	Free

Plan: Lite

Service name: Internet of Things Platform-t6

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

Step 3: click create and the launch tab get open, then click launch

The screenshot shows the IBM Cloud console interface. At the top, there's a navigation bar with 'IBM Cloud', a search bar, and links for 'Catalog', 'Manage', and 'Suwathi V's Account'. Below the navigation bar, the main header shows 'Resource list / Internet of Things Platform-oh' with a green 'Active' status and an 'Add tags' link. On the right, there are 'Details' and 'Actions...' buttons. A left sidebar contains 'Manage', 'Plan', and 'Connections' options. The main content area features a large graphic of a central square with four 'U' shaped connectors and a blue 'Launch' button. Below this, a section titled 'Let's get started with IBM Watson IoT Platform' describes the platform's capabilities. Further down, a 'Ready for the next level?' section introduces the 'IBM Watson IoT Platform Journey' with three stages: 'Lite' (checked), 'Non-Production', and 'Production', each with a brief description of the service plan.

IBM Cloud

Search resources and products...

Catalog Manage Suwathi V's Account

Resource list / Internet of Things Platform-oh 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 ☐ Non-Production ☐ Production

The Lite service plan provides a lightweight The Non-Production service plan is a full- The Production service is a fully managed SaaS

Step 4: It redirect you to IBM WATSON platform where you need to click sign in

The screenshot shows the IBM Watson IoT Platform landing page. The header includes 'IBM Watson IoT Platform' and a 'Sign in' button. The main content area features a dark background with white line art graphics. On the left, a graphic shows a cloud connected to a factory and an airplane, with the text 'Collect data from'. On the right, a graphic shows a person icon connected to a smartphone, with the text 'and make value from it'. At the bottom center, there is a 'Learn More' link.

IBM Watson IoT Platform

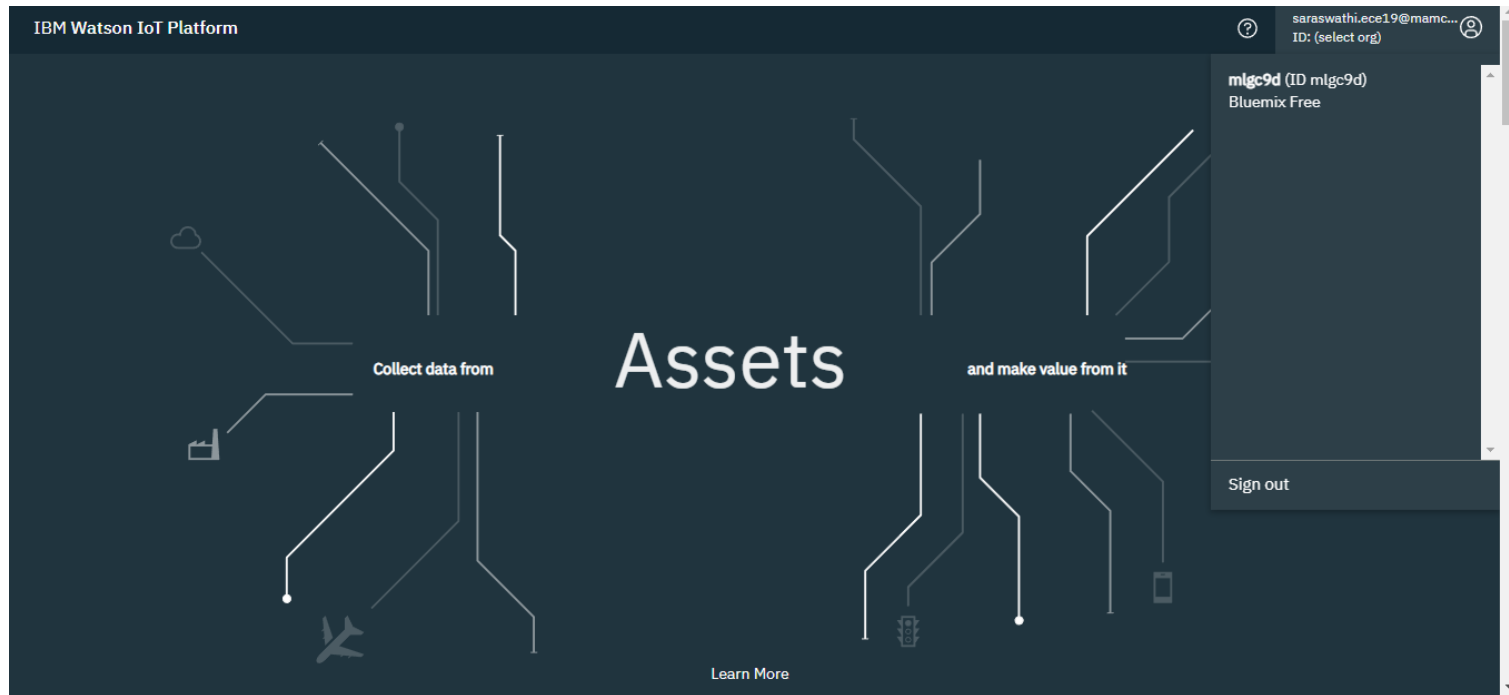
Sign in

Collect data from

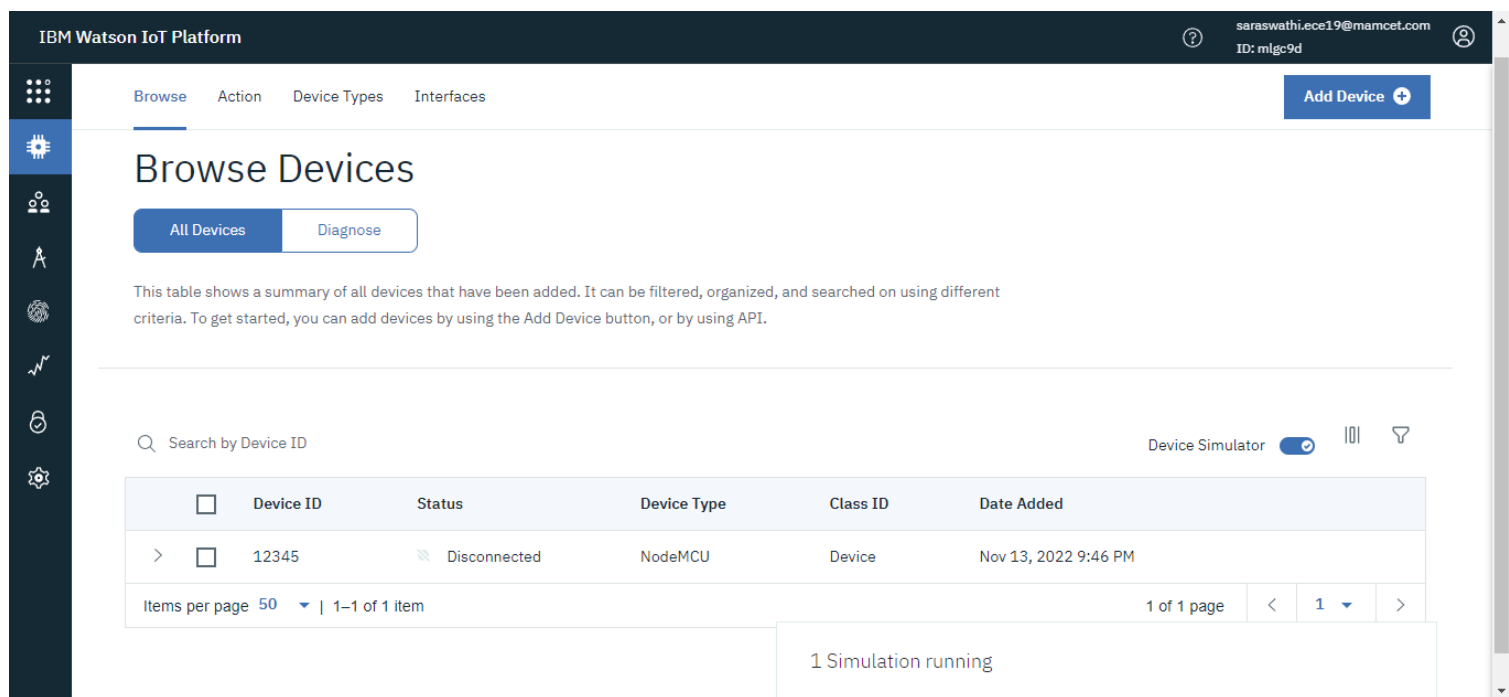
and make value from it

Learn More

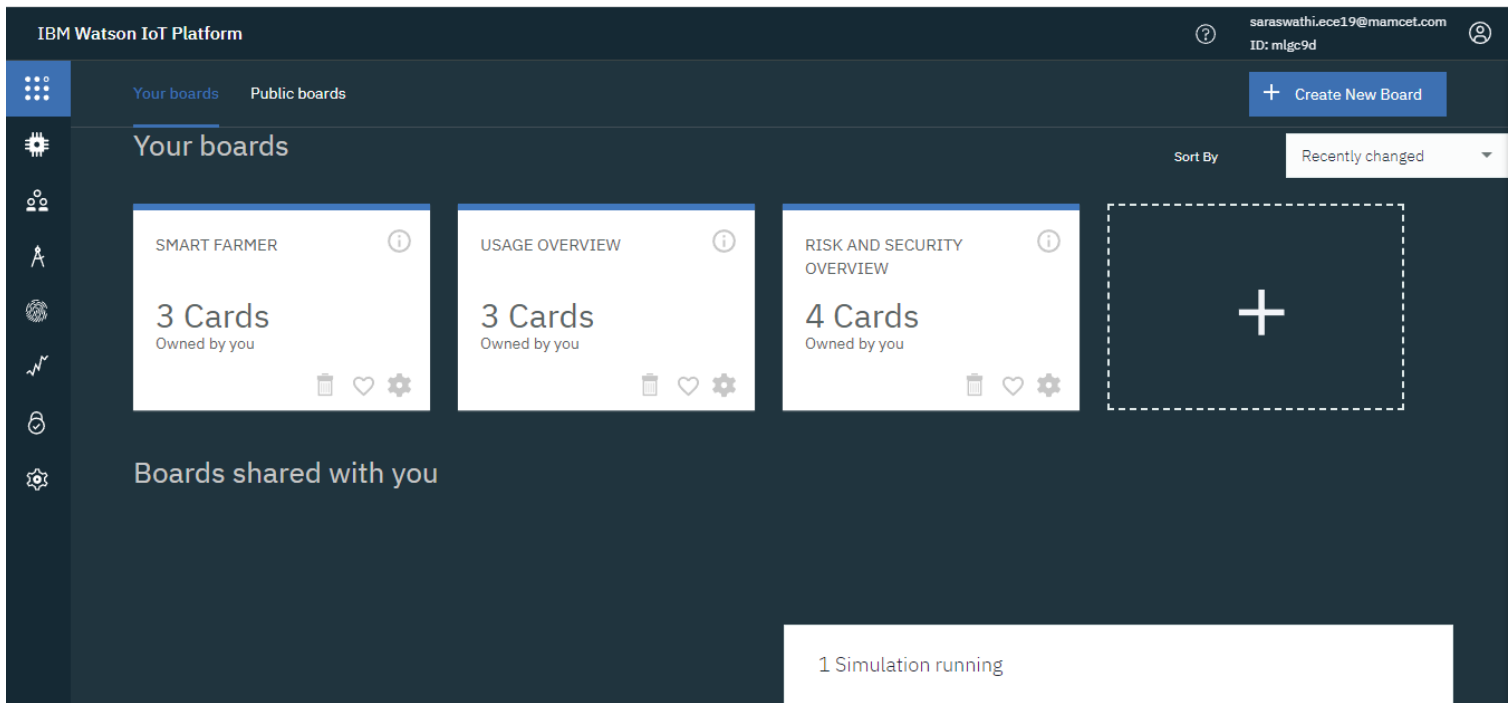
Step 5: you need to log in IBM ID



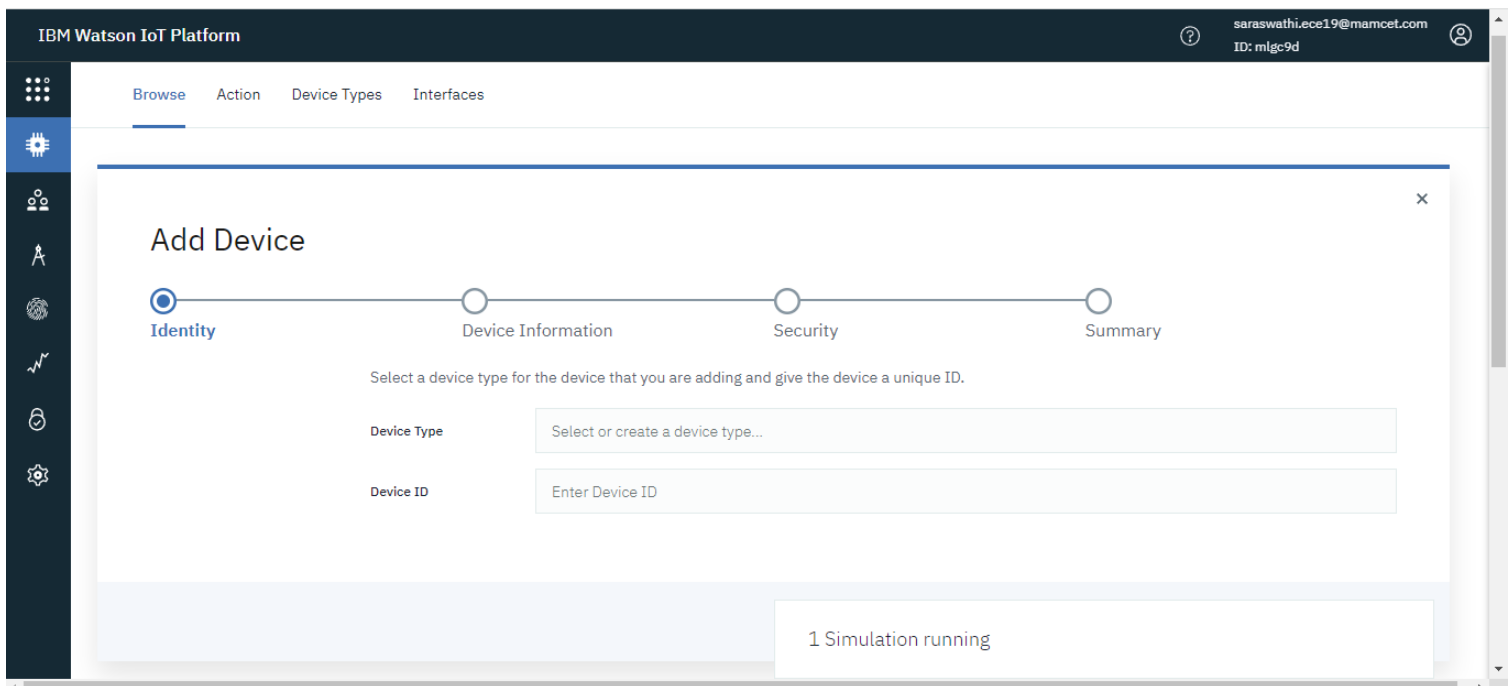
Step 6: where you find this tab which is used to add device , app, member ,usage , security can be worked



Step 7: check boards for risk and security overview card , it uses for graphical representation boards



Step 8: after clicking create a new device / add device you can choose an device type and device id and complete the following information to create a device



Step 9: created a device of NodeMCU

IBM Watson IoT Platform

saraswathi.ece19@mamcet.com
ID: mlgc9d

Browse

Action

Device Types

Interfaces

Add Device +

12345

Disconnected

NodeMCU

Device

Nov 13, 2022 9:46 PM

Identity

Device Information

Recent Events

State

Logs

Device ID

12345

Device Type

NodeMCU

Date Added

Nov 13, 2022 9:46 PM

Added By

saraswathi.ece19@mamcet.com

Connection Status

Disconnected

Last Connected: Nov 14, 2022 9:30 PM

Client Address: 42.106.187.27 SecureToken

Duration: 35 minutes

Data Transferred: 95.3 KB

Items per page 50 | 1–1 of 1 item

1 of 1 page

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1 Simulation running