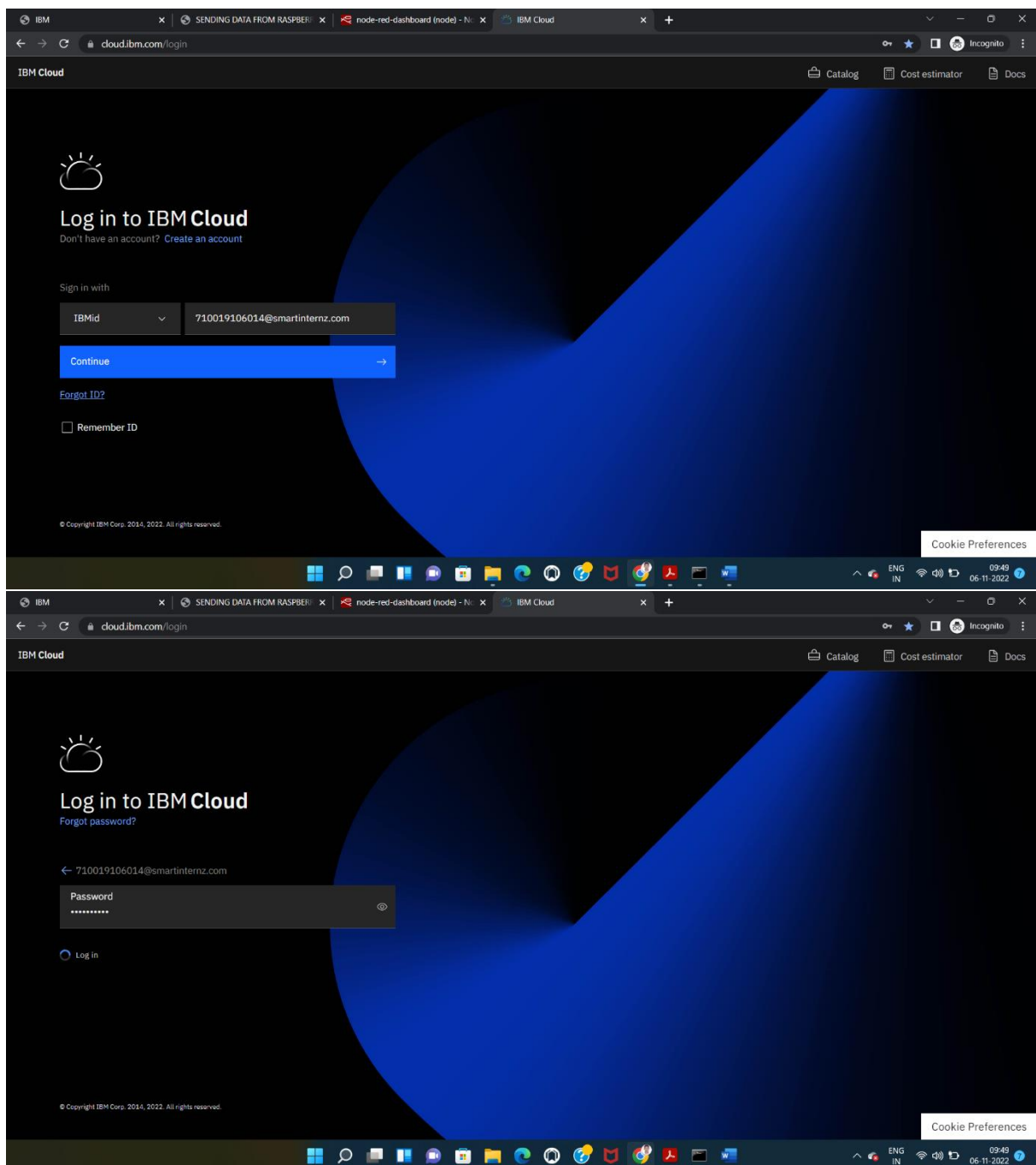
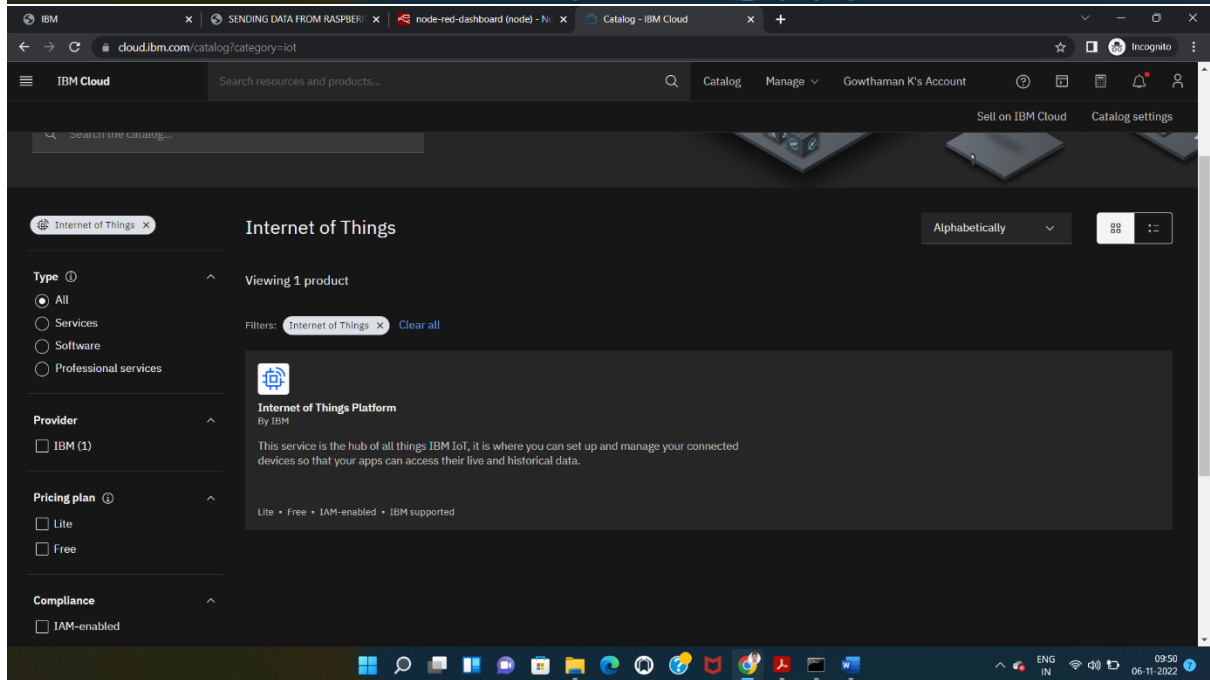
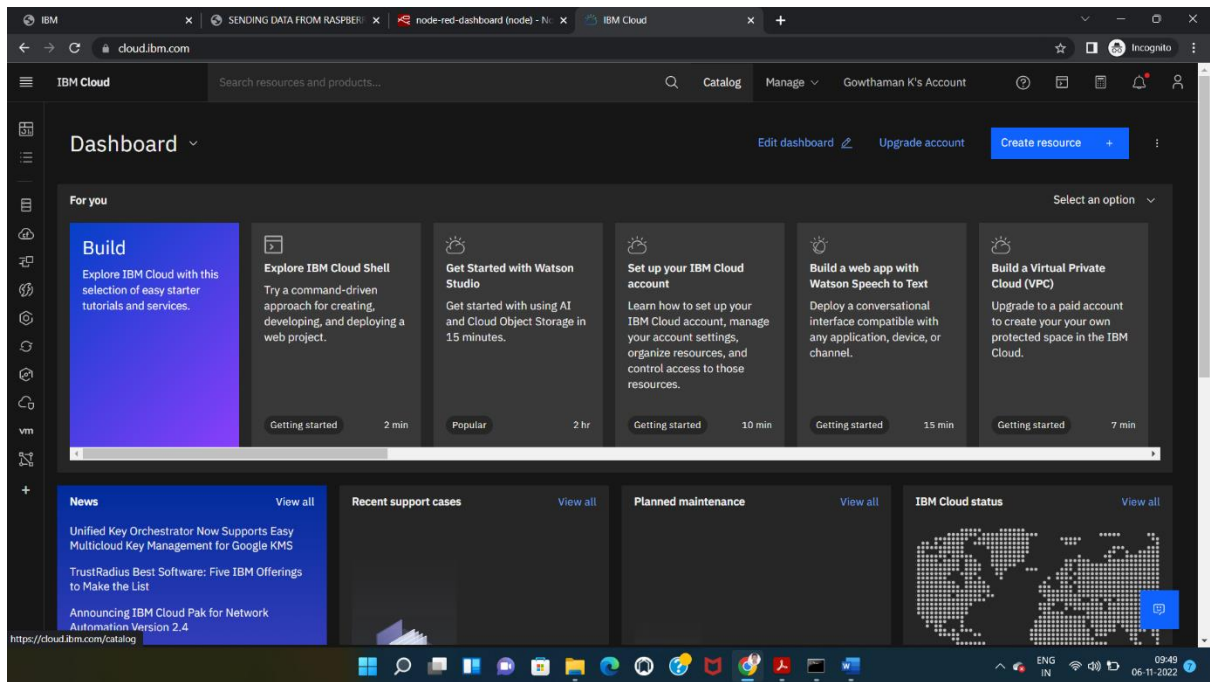


# IBM WATSON

Assignment Date	06 NOVEMBER2022
Team ID	PNT2022TMID42277
Project Name	Gas Leakage Monitoring and Alerting System





IBM


SENDING DATA FROM RASPB...node-red-dashboar...Internet of Things Platform - IBM

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

IBM Cloud

Search resources and products...

CatalogManageGowthaman K'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

Type

Service

Provider

IBM

Last updated

08/15/2022

Category

Internet of Things

Compliance

IAM-enabled

Location

Frankfurt

London

Dallas

Washington DC

Related links

Docs

Terms

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	<div>Includes up to 500 registered devices, and a maximum of 200 MB of each data metric</div> <div>Maximum of 500 registered devices</div> <div>Maximum of 500 application bindings</div> <div>Maximum of 200 MB of each of data exchanged, data analyzed and edge data analyzed</div>	

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.

 Free |

Summary

Internet of Things Platform

Free

Location: London

Plan: Lite

Service name: Internet of Things Platform-8m

Resource group: Default

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

Create

Add to estimate

IBM

SENDING DATA FROM RASPB...node-red-dashboar...Service Details - IBM Cloud

cloud.ibm.com/services/iotf-service/cm%3Avt1%3Abluemix%3Apublic%3Aiotf-service%3Aeu-de%3Aa%2F785de2fd96943898c5b35a340404bfc%3A33455299-5e83-433a-965a-19f612c83f7d...

IBM Cloud

Search resources and products...

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Resource list /

Internet of Things Platform-uf

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.

LaunchDocs

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

○

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.

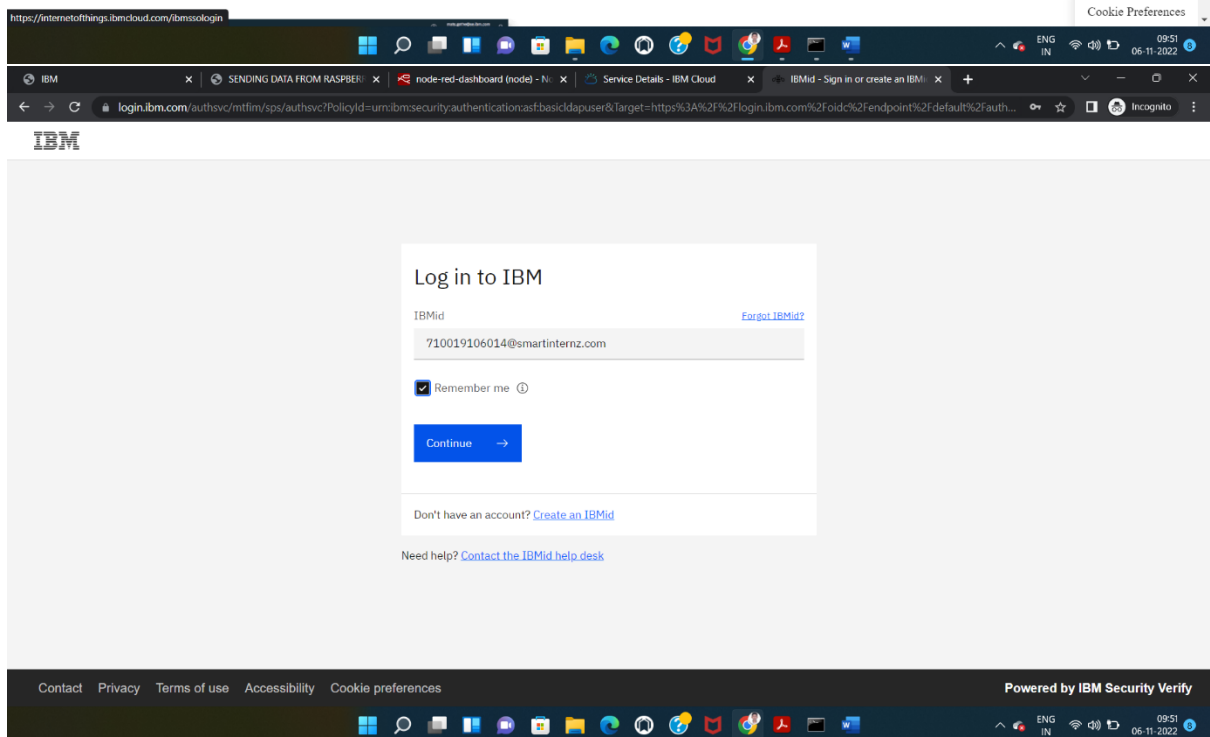
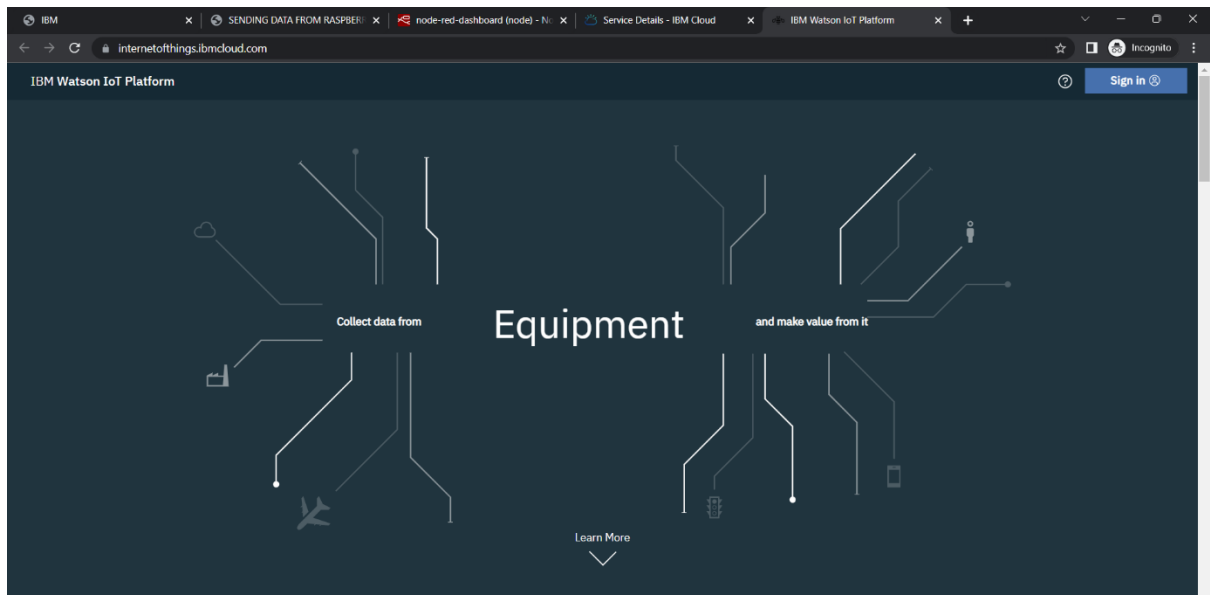
Starts at \$500 per month

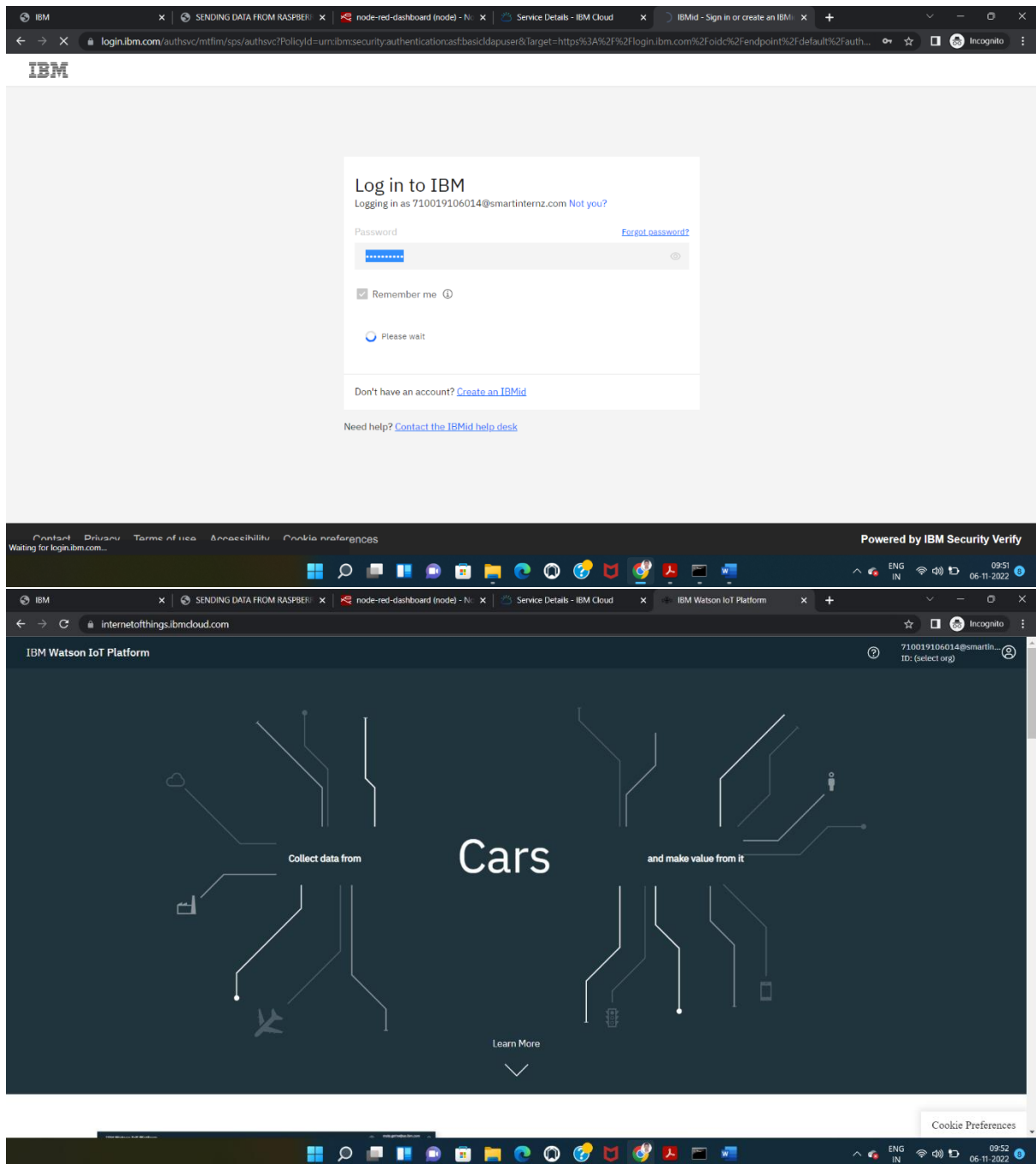
○

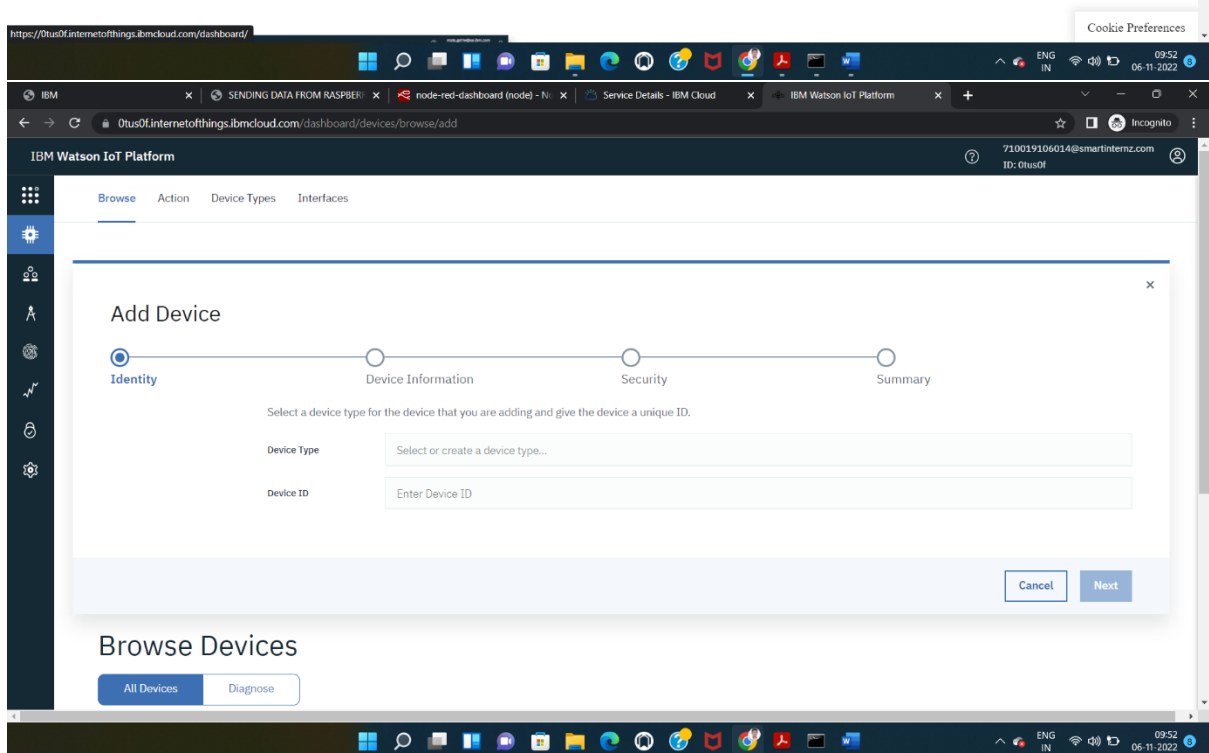
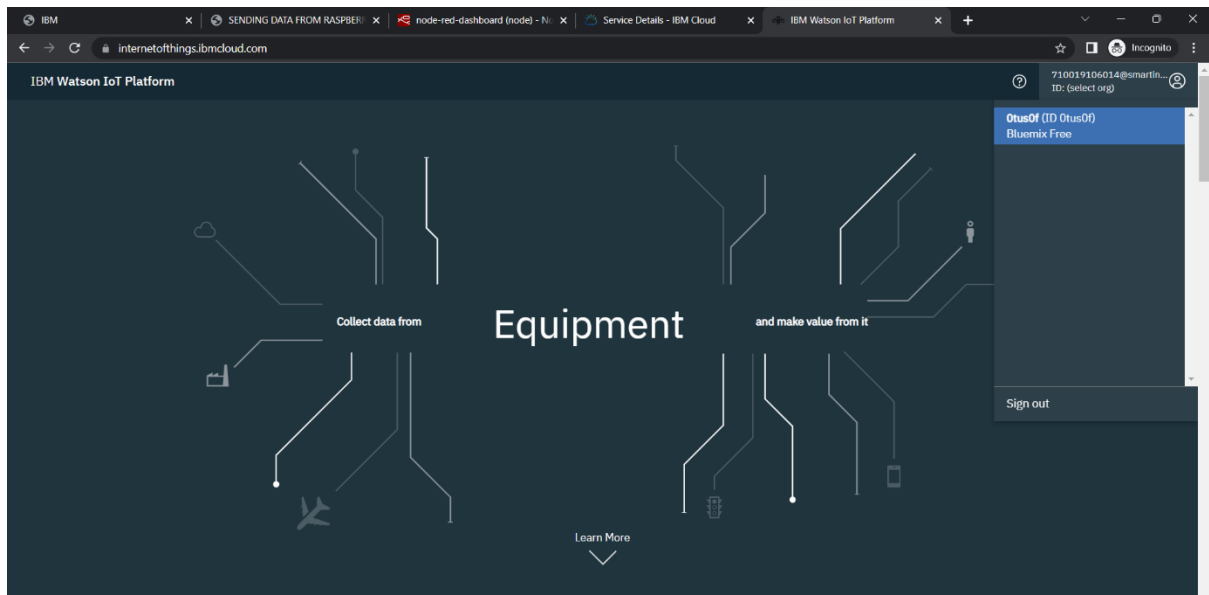
Production

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

Includes IBM Service & Support







IBM Watson IoT Platform

← Back

## Device Drilldown - 01

**Device Credentials**

- Connection Information
- Recent Events
- State
- Device Information
- Metadata
- Diagnostics
- Connection Logs
- Device Actions

### Device Credentials

You registered your device to the organization. Add these credentials to the device to connect it to the platform. After the device is connected, you can navigate to view connection and event details.

Organization ID	OtusOf
Device Type	ESP32
Device ID	01
Authentication Method	use-token-auth
Authentication Token	Gowth@m@nk18

**⚠ Authentication tokens are non-recoverable. If you misplace this token, you will need to re-register the device to generate a new authentication token.**

[Find out how to add these credentials to your device](#)

IBM Watson IoT Platform

## General Settings

Here you can see and modify global organization information and locally enable experimental Watson IoT Platform features.


**PLATFORM**

- About
- Identity
- Experimental Features
- Last Event Cache
- Client Connection
- State API

**DATA AND DEVICES**

- Custom Device Management Packages**
- Device Simulator

**SECURITY**



You currently have no custom device management packages

Add a (JSON format) package

### Device Simulator

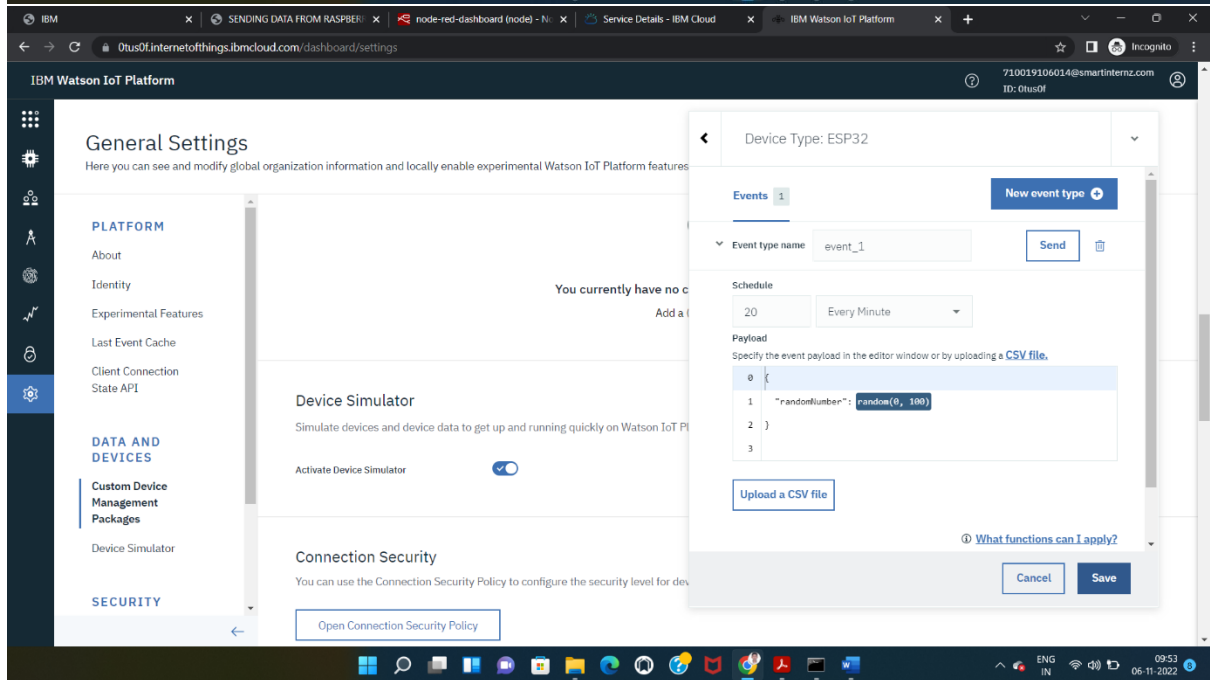
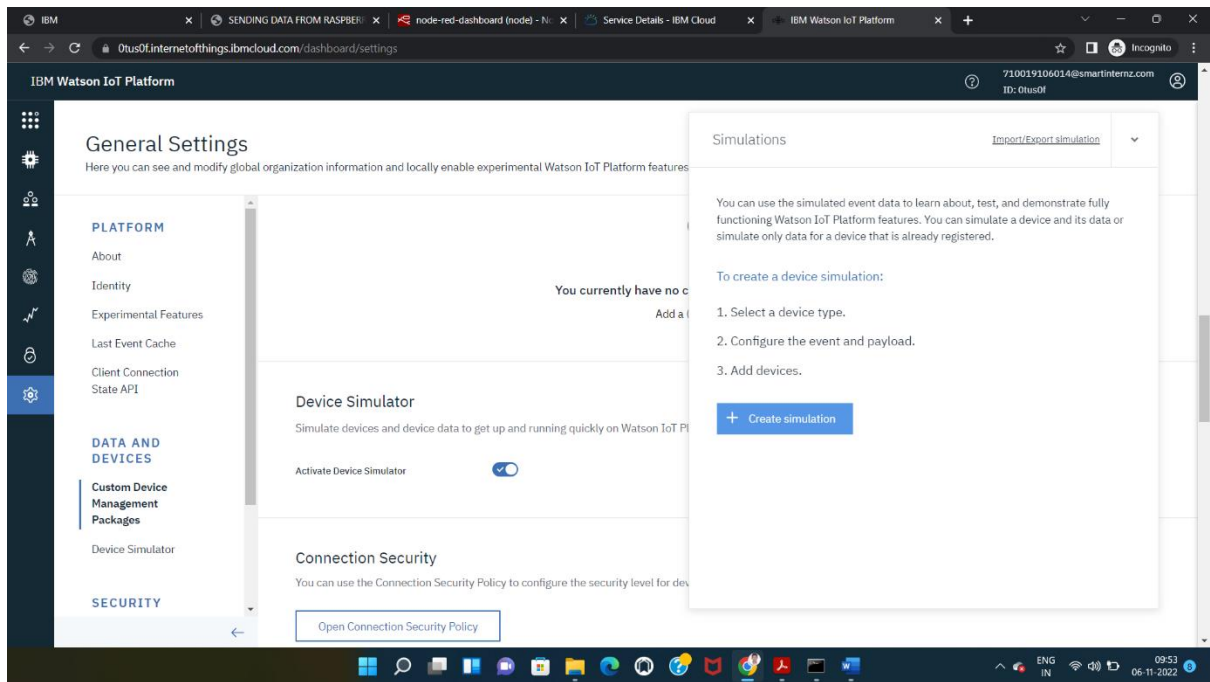
Simulate devices and device data to get up and running quickly on Watson IoT Platform. For more details see the [documentation](#).

Activate Device Simulator ☒

### Connection Security

You can use the Connection Security Policy to configure the security level for device connection.

[Open Connection Security Policy](#)





IBM Watson IoT Platform

710019106014@smartinternz.com  
ID: Otus0f

Browse Action Device Types Interfaces

Add Device

This table shows a summary of all devices that have been added. It lists the device ID, status, type, class ID, date added, and descriptive location. To get started, you can add devices by using the Add Device button, or by using API.

Search by Device ID

Device Simulator

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
01	Disconnected	ESP32	Device	Nov 6, 2022 9:53 AM	

Identity Device Information Recent Events State Logs

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
event_1	{*randomNumber*:56}	json	a few seconds ago
event_1	{*randomNumber*:10}	json	a few seconds ago
event_1	{*randomNumber*:34}	json	a few seconds ago

1 Simulation running

IBM Watson IoT Platform

710019106014@smartinternz.com  
ID: Otus0f

TestBoard

Dashboard

Loading ...

Card source data

01

Card preview

Card information

### Create Line chart Card

Connect data set:

randomNumber

Event

event\_1

Property

randomNumber

Name

randomNumber

Type

Number

Unit

%

Min

0

Max

100

Back Next

