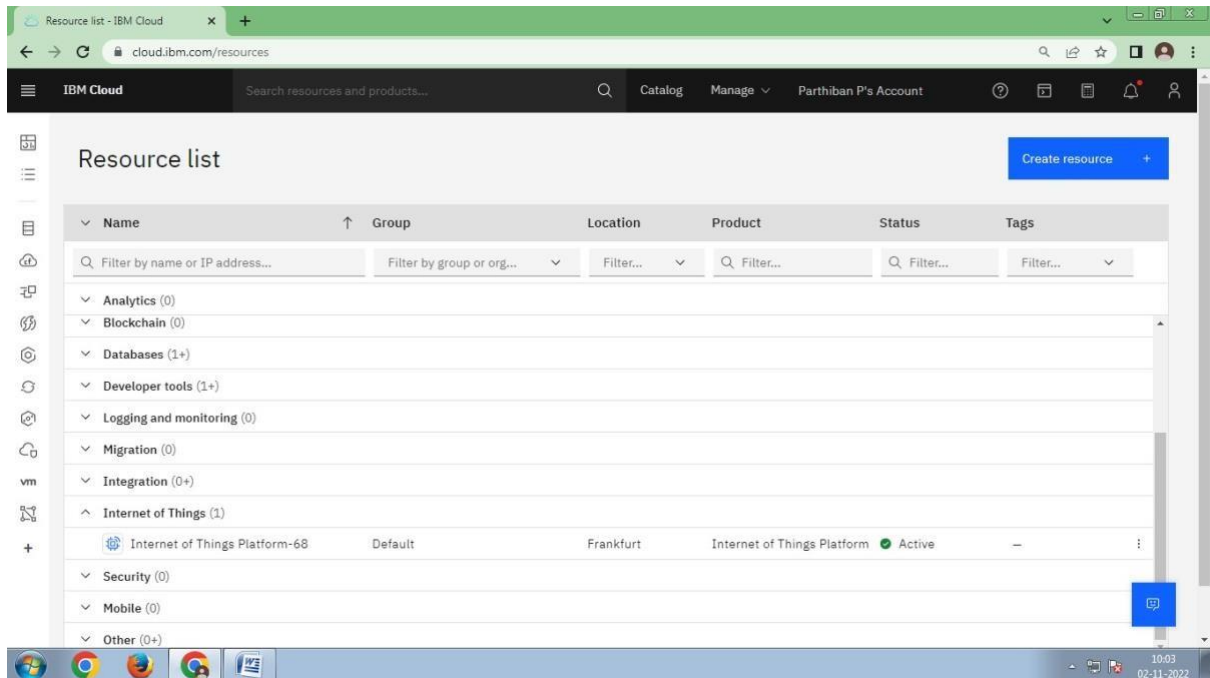
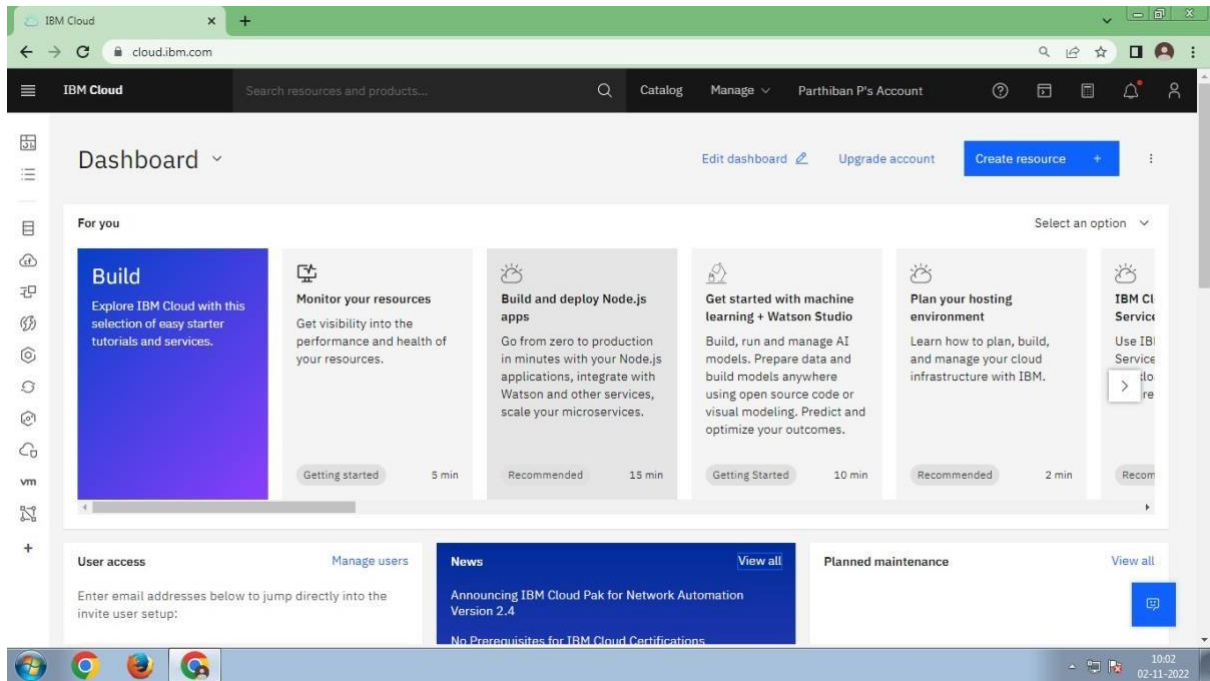


Date	03 November 2022
Team ID	PNT2022TMID03606
Project Name	Project – Real-Time River Water Quality Monitoring and Control System



Search the catalog...

Sell on IBM Cloud Catalog settings

Internet of Things

Internet of Things

Alphabetically

Type

- All
- Services
- Software
- Professional services

Provider

IBM (1)

Pricing plan

- Lite
- Free

Viewing 1 product

Filters: Internet of Things Services 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

Resource list

Internet of Things Platform-xl

Active Add tags

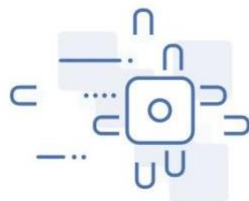
Details

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



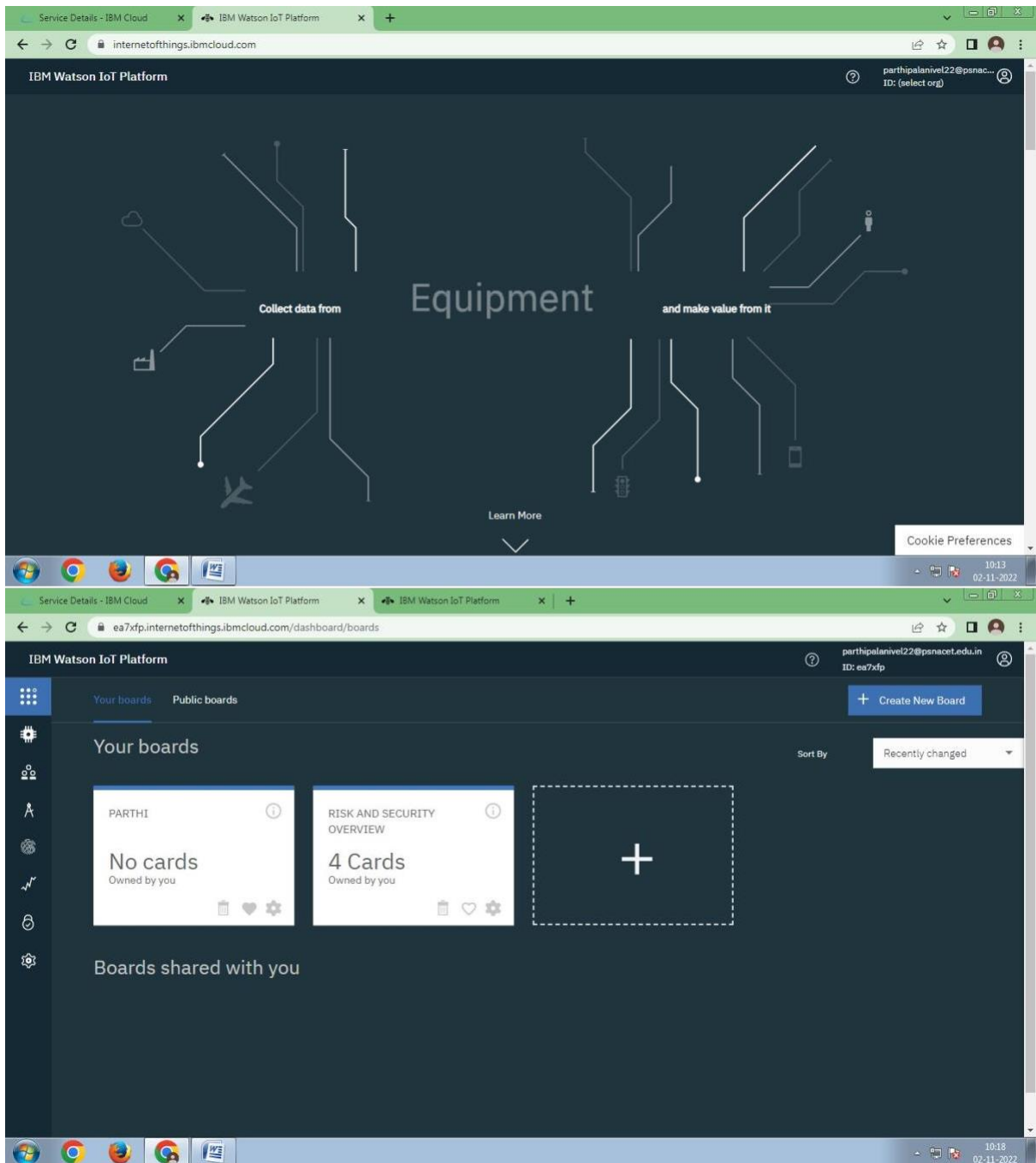
Non-Production

The Non-Production service plan is a full-featured, fully-integrated offering that enables



Production

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



Service Details - IBM Cloud x IBM Watson IoT Platform x IBM Watson IoT Platform x +

ea7xtp.internetofthings.ibmcloud.com/dashboard/devices/browse/add

IBM Watson IoT Platform

parthipalanivel22@psnacet.edu.in
ID: ea7xtp

Browse Action Device Types Interfaces

Add Device

Identity Device Information Security Summary

Verify that the following information is correct then select Finish

Device Type
TestDeviceType

Device ID
1234

[View Metadata](#)

Security Token
To be generated

[Back](#) [Finish](#)

Service Details - IBM Cloud x IBM Watson IoT Platform x IBM Watson IoT Platform x +

ea7xtp.internetofthings.ibmcloud.com/dashboard/devices/drilldown/TestDeviceType:1234?returnTo=/devices/browse

IBM Watson IoT Platform

parthipalanivel22@psnacet.edu.in
ID: ea7xtp

[← Back](#)

Device Drilldown - 1234

Device Credentials

Connection Information

Recent Events

State

Device Information

Metadata

Diagnostics

Connection Logs

Device Actions

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	ea7xtp
Device Type	TestDeviceType
Device ID	1234
Authentication Method	use-token-auth
Authentication Token	a181+8uAqrHNKOxb04

⚠ 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](#)

Service Details - IBM Cloud

IBM Watson IoT Platform

IBM Watson IoT Platform

+

ea7xfp.internetofthings.ibmcloud.com/dashboard/devices/drilldown/TestDeviceType:1234?returnTo=/devices/browse

IBM Watson IoT Platform

parthipalanivel22@psnacet.edu.in
ID: ea7xfp

Back

Device Drilldown - 1234

Device Credentials

Connection Information

Recent Events

State

Device Information

Metadata

Diagnostics

Connection Logs

Device Actions

Device ID

Device Type

Date Added

Added By

Connection Status

1234

TestDeviceType

Nov 2, 2022 10:24 AM

parthipalanivel22@psnacet.edu.in

Disconnected

Recent Events

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

Event	Value	Format	Last Received
-------	-------	--------	---------------

Service Details - IBM Cloud

IBM Watson IoT Platform

+

ea7xfp.internetofthings.ibmcloud.com/dashboard/settings

IBM Watson IoT Platform

parthipalanivel22@psnacet.edu.in
ID: ea7xfp

General Settings

Here you can see and modify global organization information and locally enable experimental W

PLATFORM

About

Identity

Experimental Features

Last Event Cache

Client Connection State API

DATA AND DEVICES

Custom Device Management Packages

Device Simulator

Client Connection State API

The Client Connection State API provides client conn
documentation.

Activate Client Connection State API

Custom Device Management Packages

Device Type: TestDeviceType

Events 1

New event type +

Event type name event_1

Send

Schedule

20

Every Minute

Payload

Specify the event payload in the editor window or by uploading a CSV file.

0 {

1 "temperature": random(0, 100)

2 "humidity": random(0, 100)

3 }

4

Upload a CSV file

Cancel

Save

Service Details - IBM Cloud

IBM Watson IoT Platform

+

ea7xfp.internetofthings.ibmcloud.com/dashboard/settings

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[documentation.](#)

Activate Client Connection State API

Custom Device Management Packages

Simulations

Import/Export simulation

1/50 Simulations Running

+ New Simulation

Device Type

TestDeviceType

1 Event

1 Device

1234

1 x

Create Simulated Device

Use Registered Device

Service Details - IBM Cloud

IBM Watson IoT Platform

+

ea7xfp.internetofthings.ibmcloud.com/dashboard/devices/browse

IBM Watson IoT Platform

parthipalanivel22@psnacet.edu.in

ID: ea7xfp

Browse

Action

Device Types

Interfaces

Add Device

Delete

1 item selected

Cancel

Device ID	Status	Device Type	Class ID	Date Added
1234	Disconnected	TestDeviceType	Device	Nov 2, 2022 10:24 AM

Identity

Device Information

Recent Events

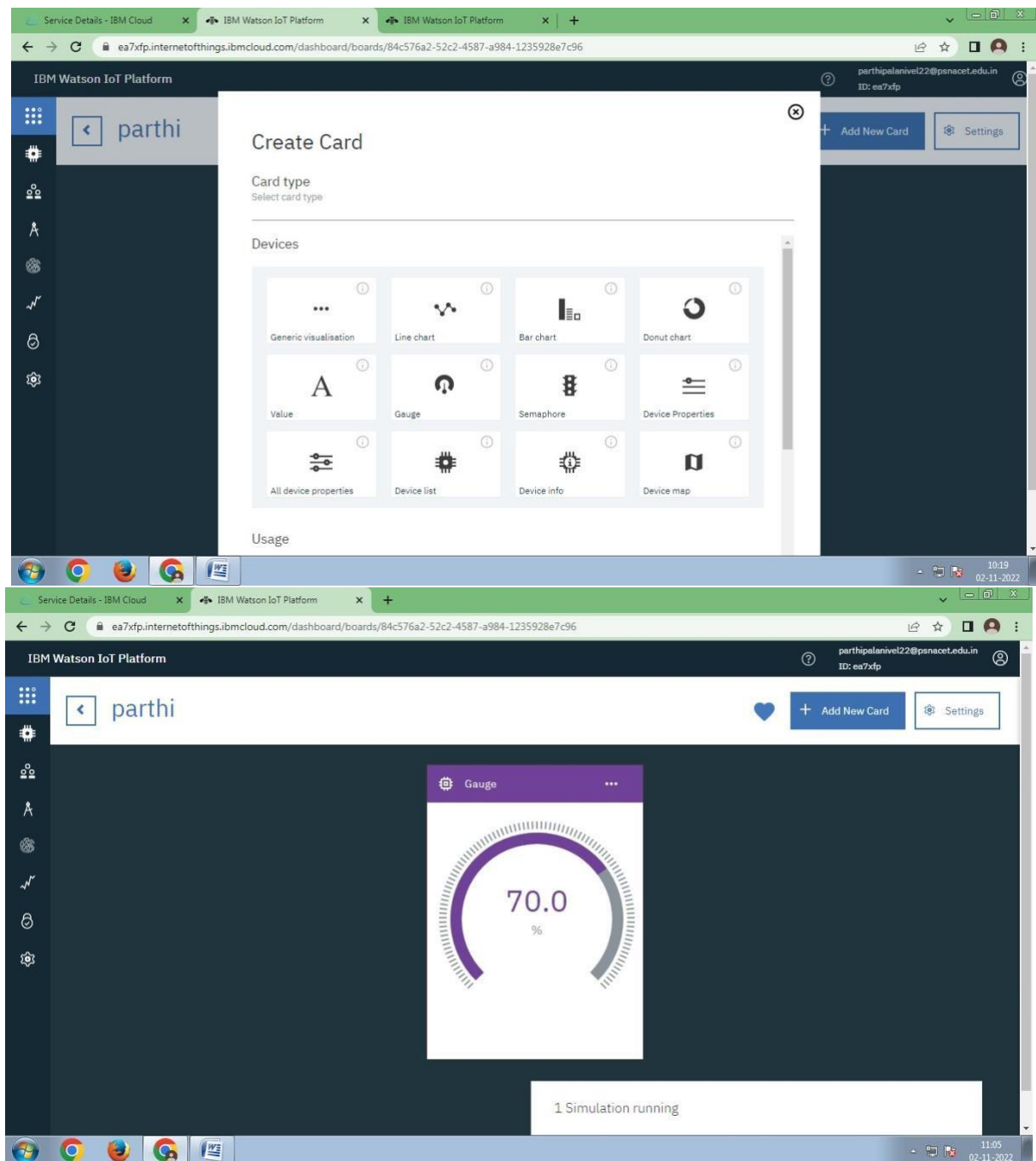
State

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	{"temperature":37,"Humidity":52}	json	a few seconds ago
event_1	{"temperature":65,"Humidity":36}	json	a few seconds ago
event_1	{"temperature":57,"Humidity":8}	json	a few seconds ago
event_1	{"temperature":17,"Humidity":65}	json	a few seconds ago

1 Simulation running



Result:

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