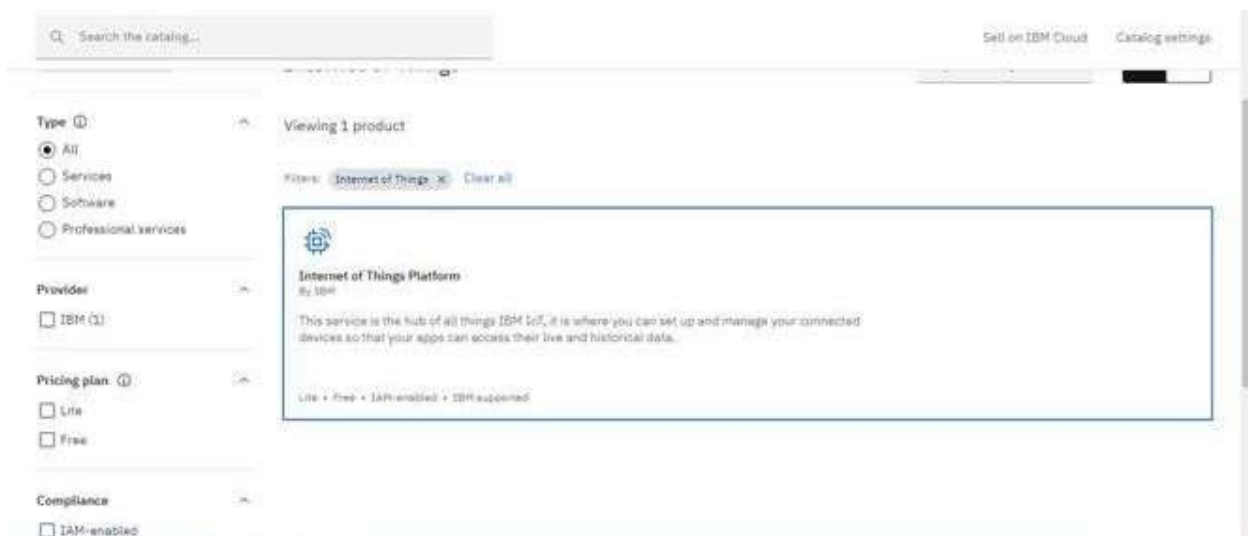
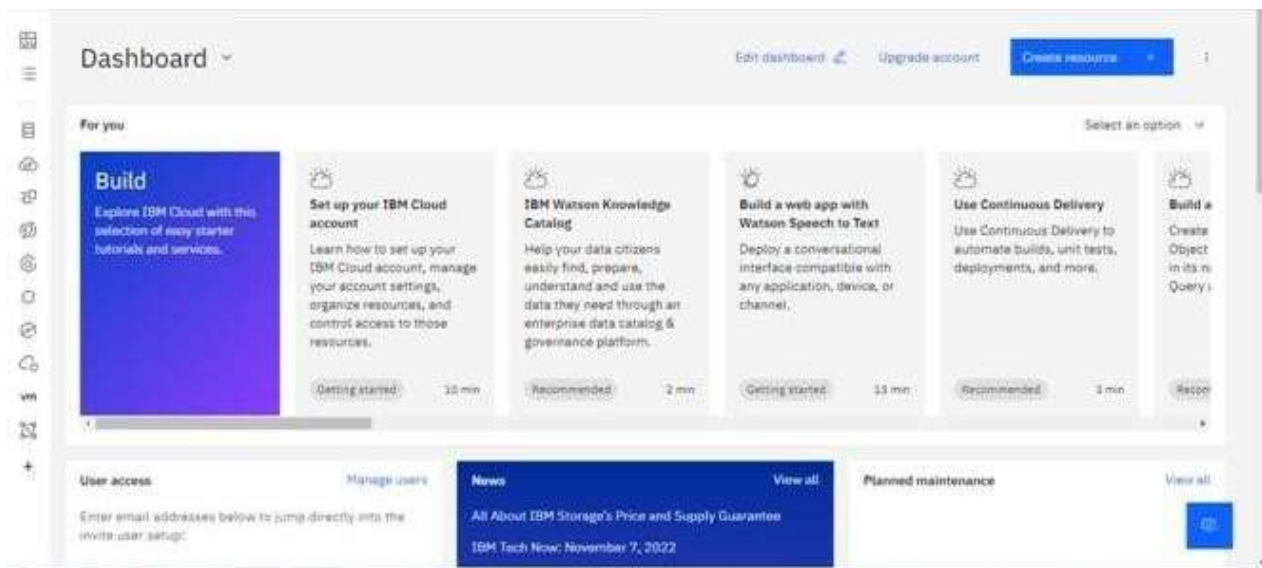


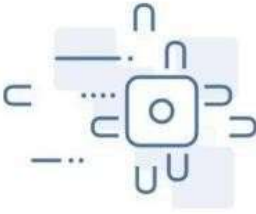
CREATE IBM WATSON IOT PLATFORM AND DEVICE

Date:	8 NOVEMBER 2022
Team ID:	PNT2022TMID39661
Project Name:	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES



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?

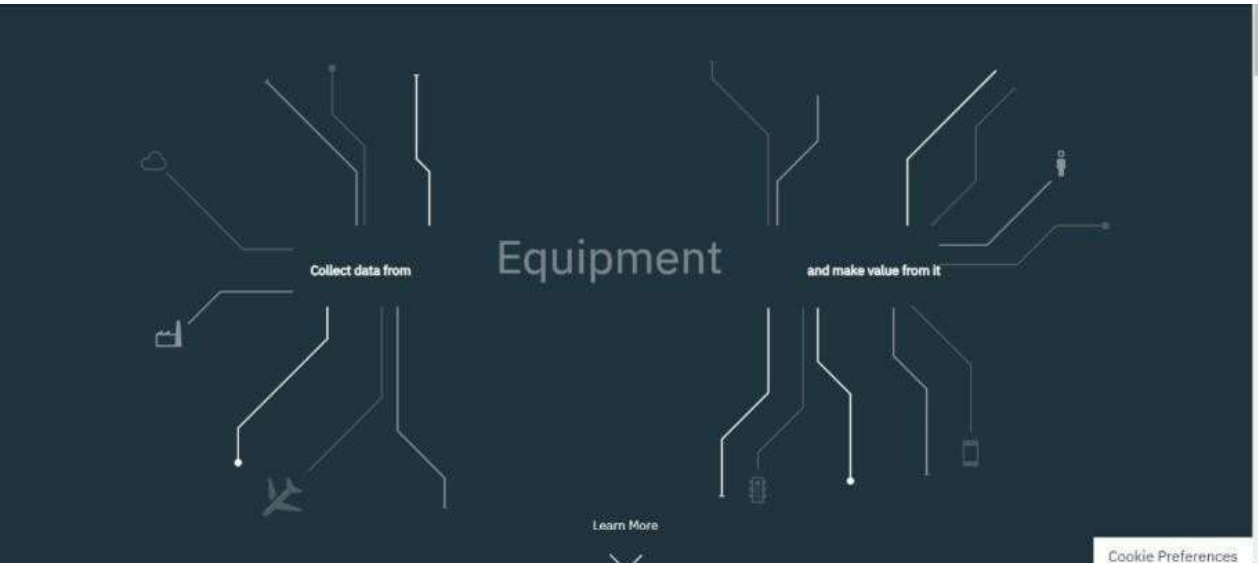
IBM Watson IoT Platform Journey

☒**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

[Chat](#)



Collect data from **Equipment** and make value from it

[Learn More](#)

[Cookie Preferences](#)

[Your boards](#) [Public boards](#) [+ Create New Board](#)

Sort By [Recently changed](#)

PARTHI
No cards
Owned by you

RISK AND SECURITY OVERVIEW
4 Cards
Owned by you

+

Boards shared with you

⚙️

👤

👤

🔍

📈

🔒

⚙️

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

⚙️

👤

👤

🔍

📈

🔒

⚙️

← Back

Device Drilldown - 1234

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

es7:rfp

Device Type

TestDeviceType

Device ID

1234

Authentication Method

use-token-auth

Authentication Token

a181+8uAqrHfNKOxbo4

⚠️

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

⚙️

👤

👤

🔍

📈

🔒

⚙️

← Back

Device Drilldown - 1234

Device Credentials

Connection Information

Recent Events

State

Device Information

Metadata

Diagnostics

Connection Logs

Device Actions

Device ID

1234

Device Type

TestDeviceType

Date Added

Nov 2, 2022 10:24 AM

Added By

parthipalanivel22@psnacet.edu.in

Connection Status

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
-------	-------	--------	---------------

IBM Watson IoT Platform

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

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

parthi

Create Card

Card type

Select card type

Devices

Generic visualisation

Line chart

Bar chart

Donut chart

Value

Gauge

Semaphore

Device Properties

All device properties

Device list

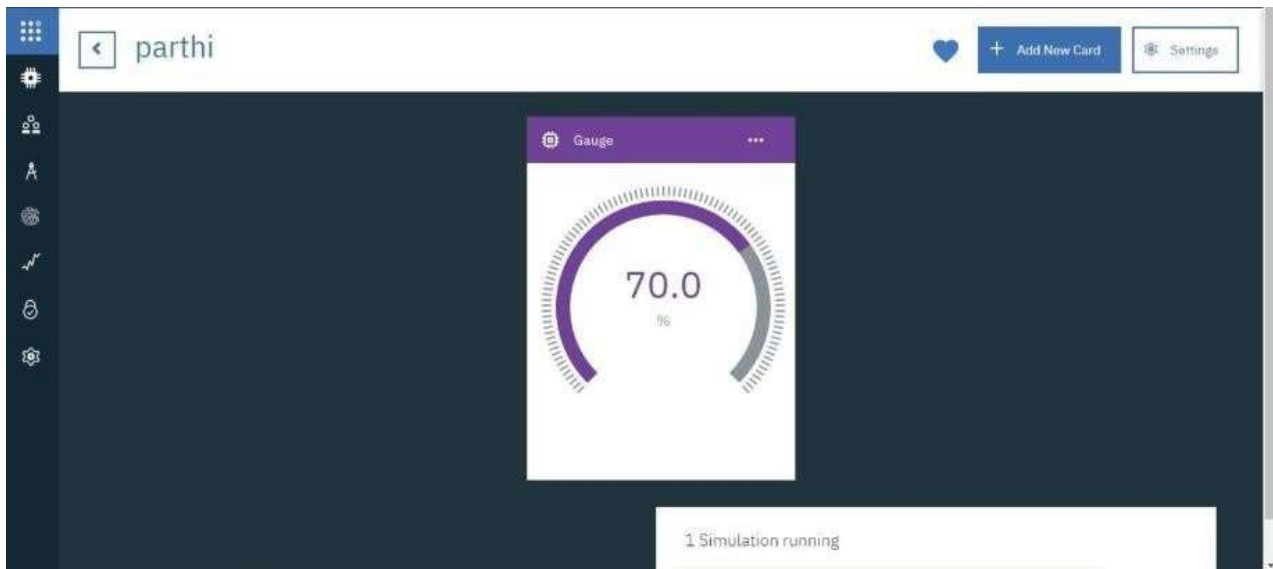
Device info

Device map

Usage

Add New Card

Settings



RESULT:

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