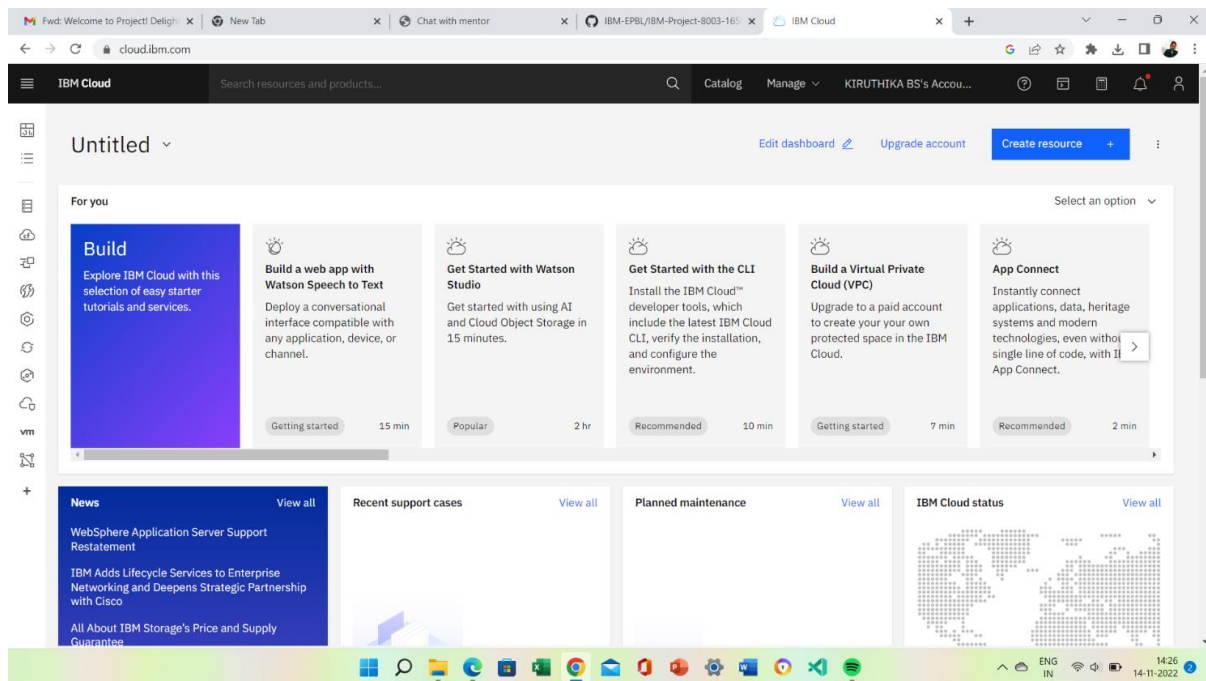


CREATE IBM WATSON IOT PLATFORM AND DEVICE

Date:	3 NOVEMBER 2022
Team ID:	PNT2022TMID030535
Project Name:	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES



Browser tabs: Fwd: Welcome to Project Deligh..., New Tab, Chat with mentor, IBM-EPBL/IBM-Project-8003-16..., Catalog - IBM Cloud

Address bar: cloud.ibm.com/catalog?search=iot#search_results

IBM Cloud Search resources and products...

Search results for 'iot' Viewing 2 products

Category: Search results for 'iot' Relevance

Type: All Services

Provider: IBM (2)

Pricing plan: Lite Free

Compliance: EU Supported

Cloudant By IBM
A scalable JSON document database for web, mobile, IoT, and serverless applications.
Lite • Free • EU Supported • IAM-enabled • IBM supported

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

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

Browser tabs: Fwd: Welcome to Project Deligh..., New Tab, Chat with mentor, IBM-EPBL/IBM-Project-8003-16..., Service Details - IBM Cloud

Address bar: cloud.ibm.com/services/iotf-service/cm%3Av1%3Abluemix%3Apublic%3Aiotf-service%3Aeu-gb%3Aa%2Fcd21527e2827406ebfb41bbe9f3d3c5b%3Ad18a0980-e6a5-4c2d-b338-d7...

IBM Cloud Search resources and products...

Resource list / Internet of Things Platform-tk Active Add tags

Manage Plan Connections

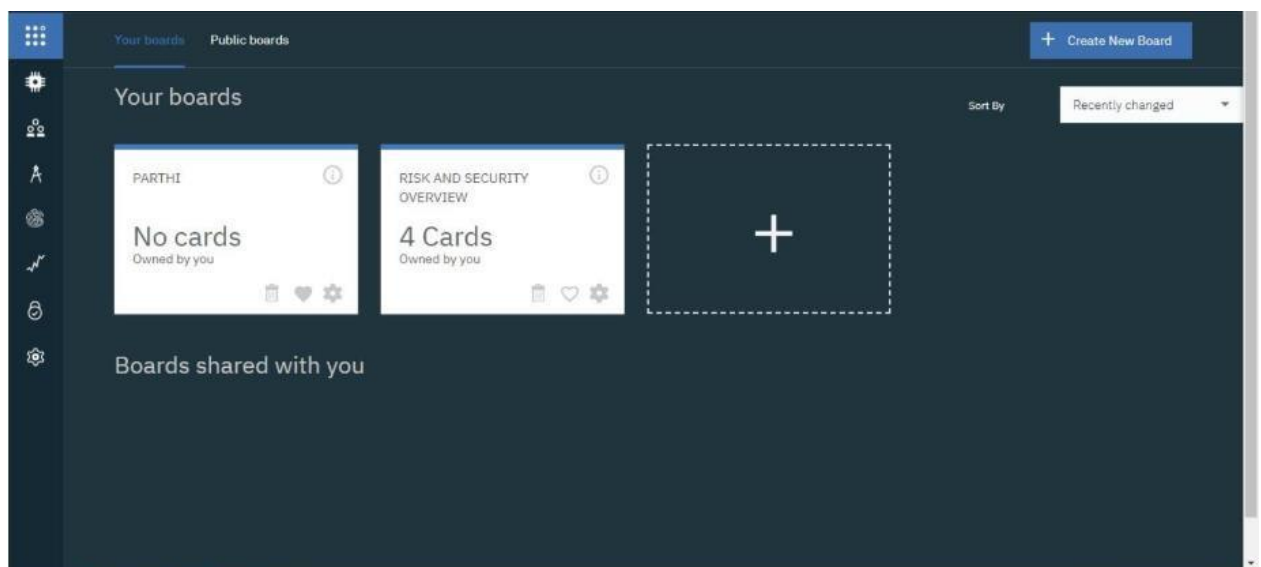
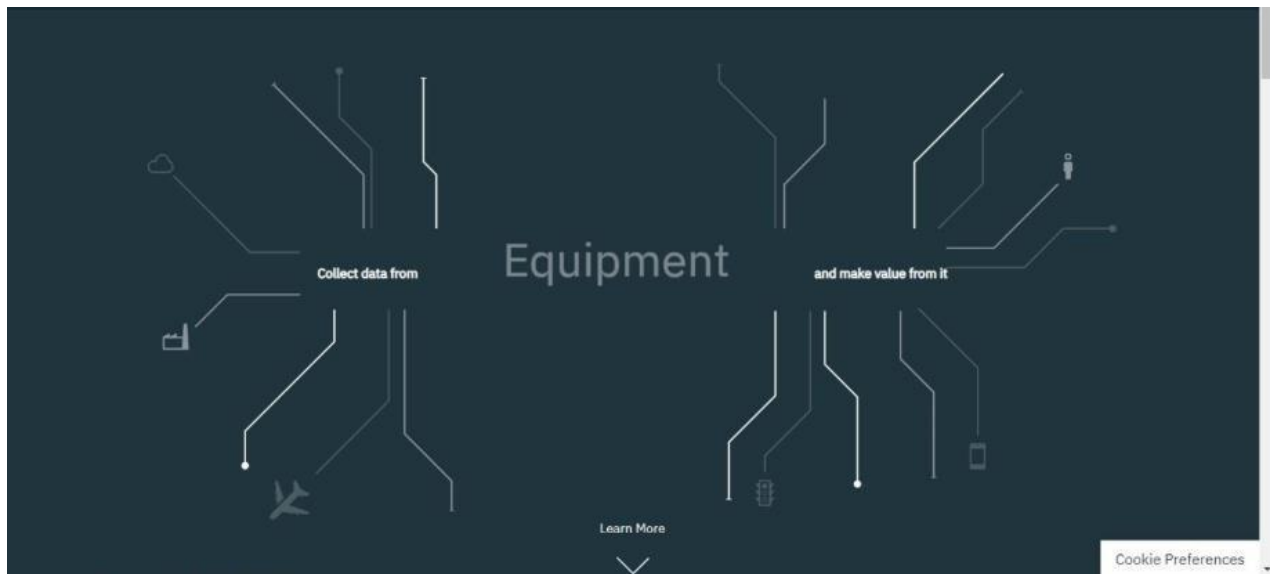
Let's get started with IBM Watson IoT Platform
Securely connect, control, and manage devices. Quickly build IoT applications that analyze data from the physical world.
Launch Docs

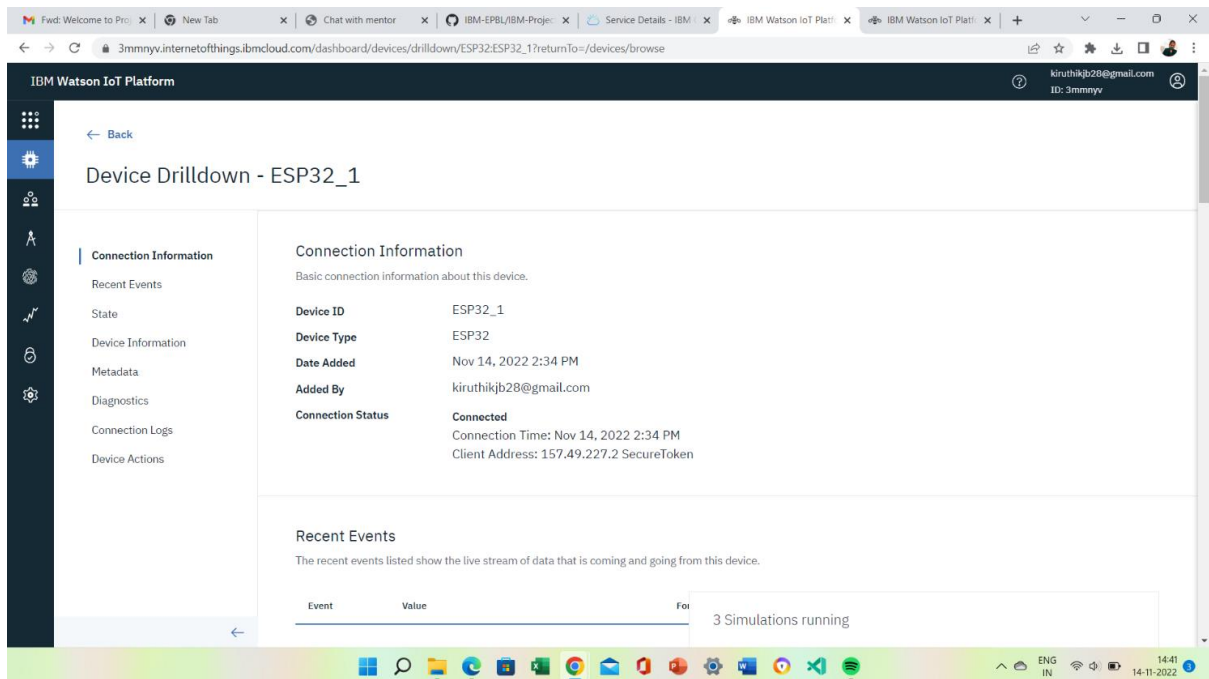
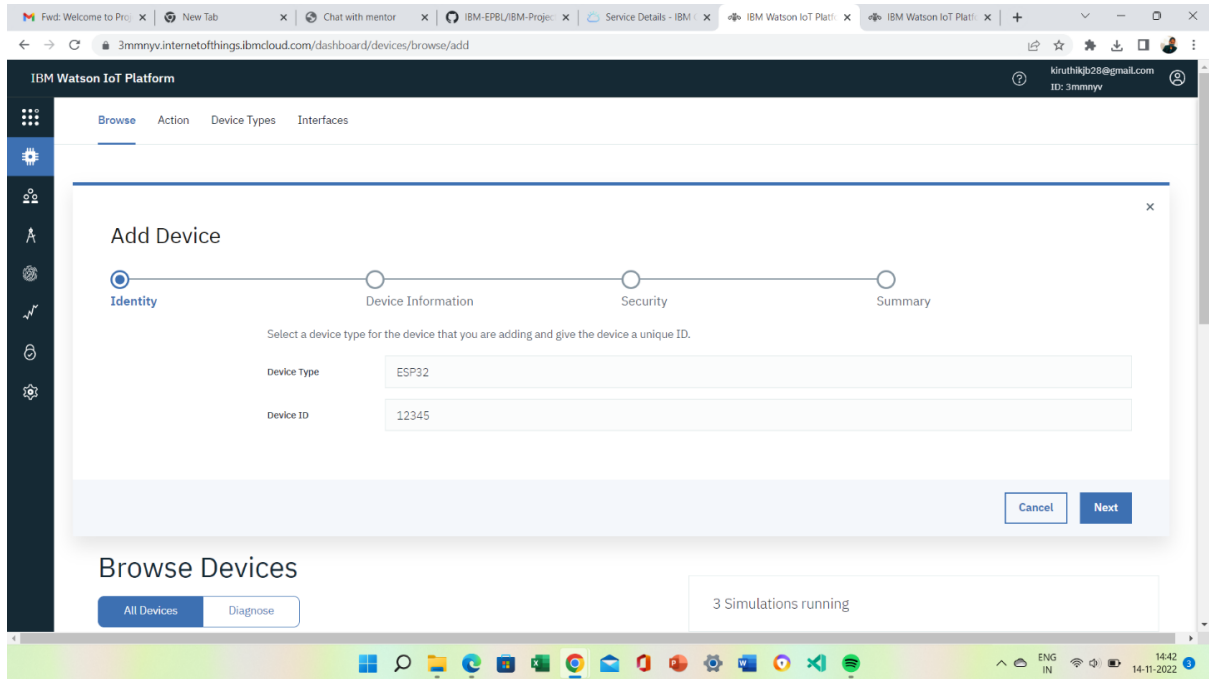
Ready for the next level?
IBM Watson IoT Platform Journey

Lite
The Lite service plan provides a lightweight development environment to get you started 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

Browse Action Device Types Interfaces

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 ☒

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
ESP32_1	Connected	ESP32	Device	Nov 14, 2022 2:34 PM	

Identity Device Information Recent Events State Logs

Showing Raw Data | No Interfaces Available

Property	Value	Type	Event	Last Received
randomNumber	15	Number	event_1	5 Simulations running

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 ☐

Device Type: TestDeviceType

Events 1

New event type

Event type name event_1 Send

Schedule

20 Every Minute

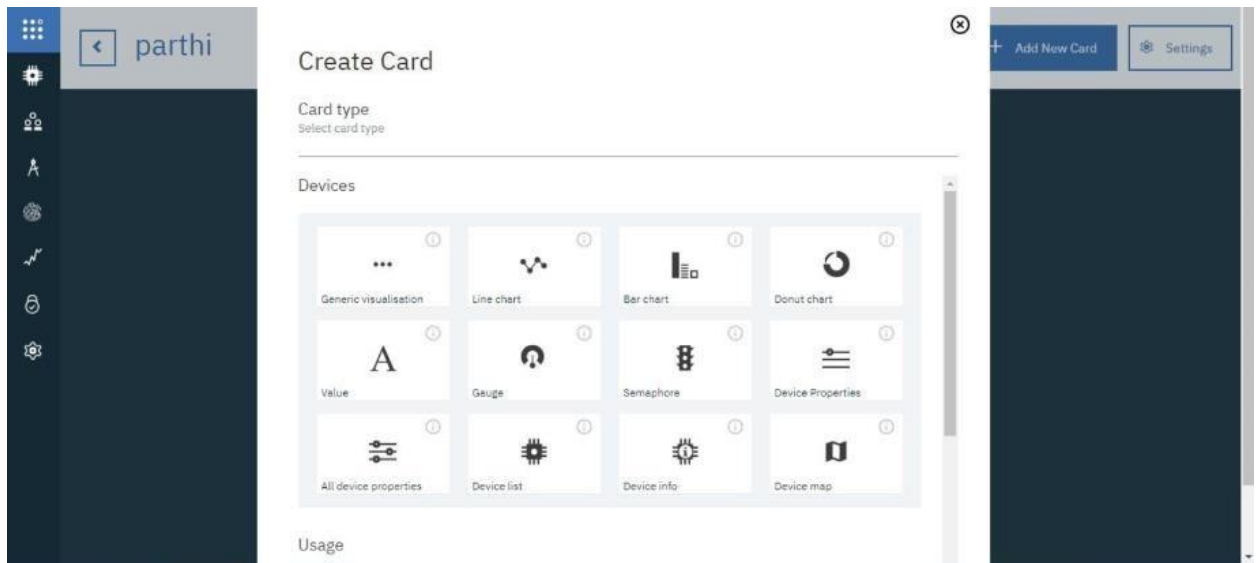
Payload

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

Custom Device Management Packages



Result:

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