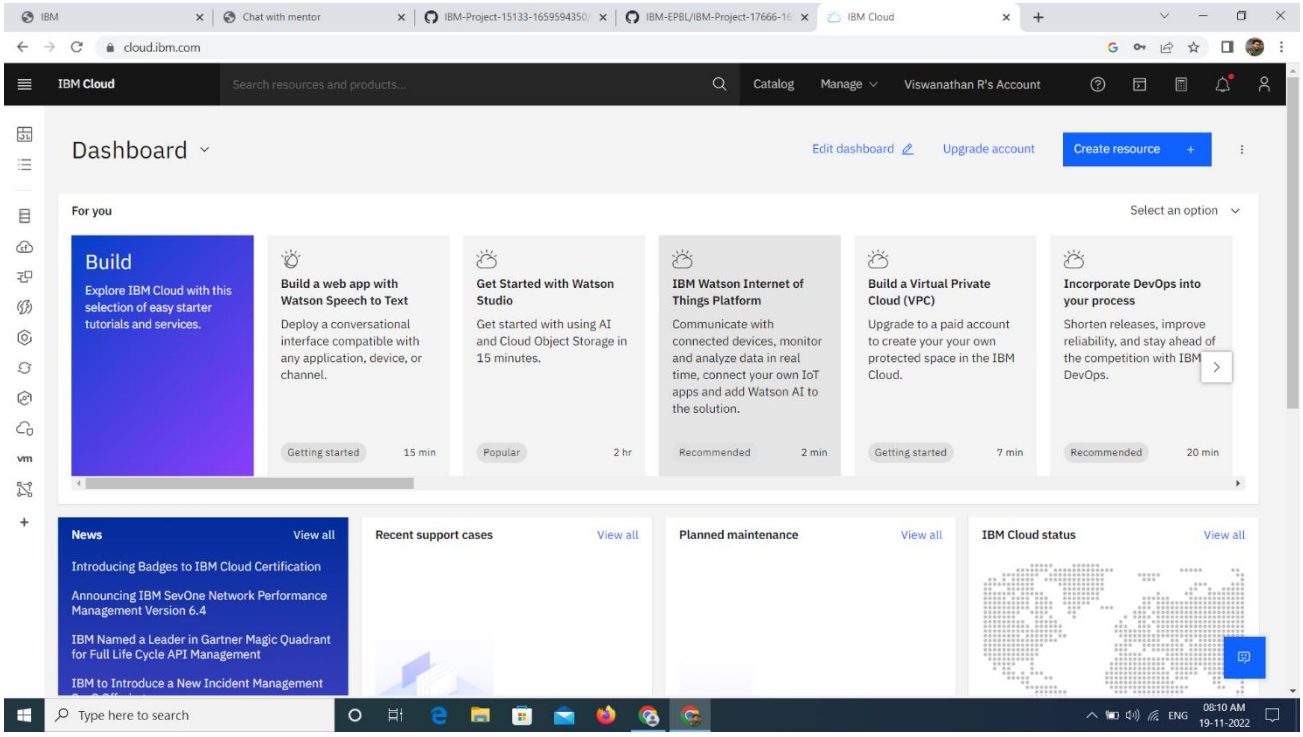
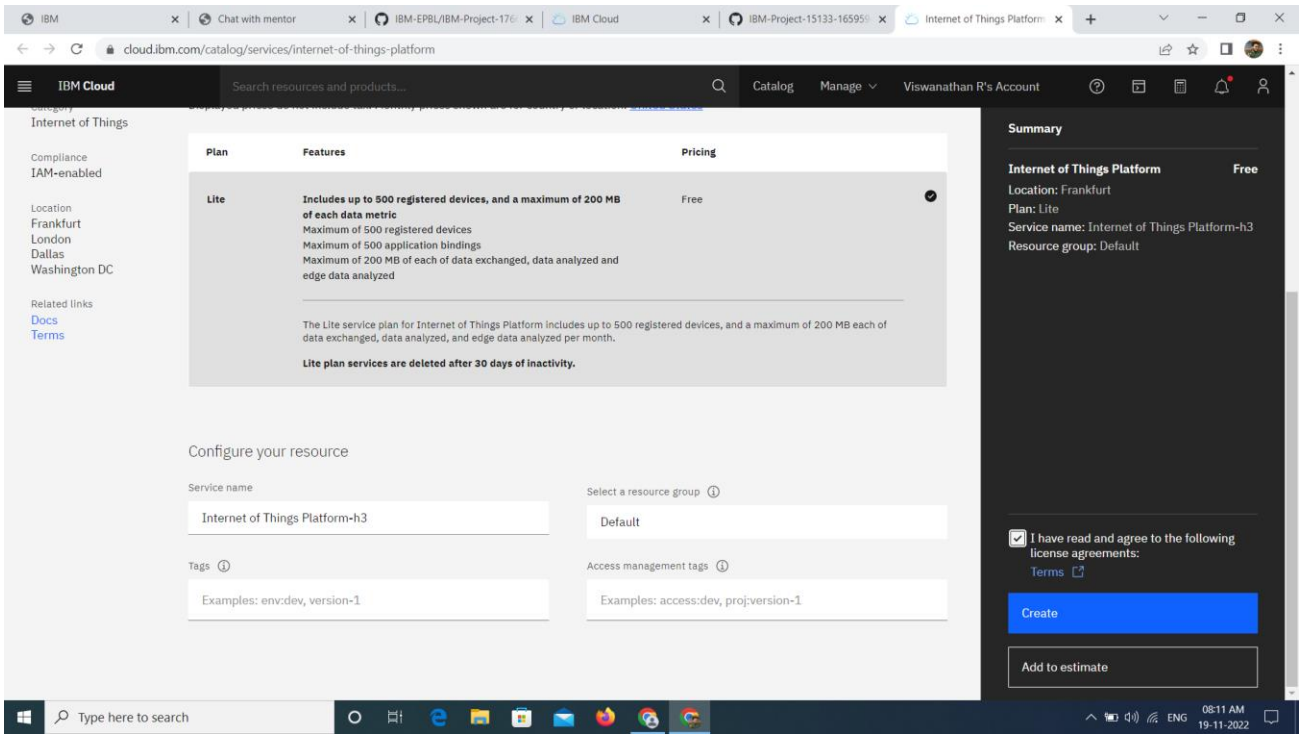
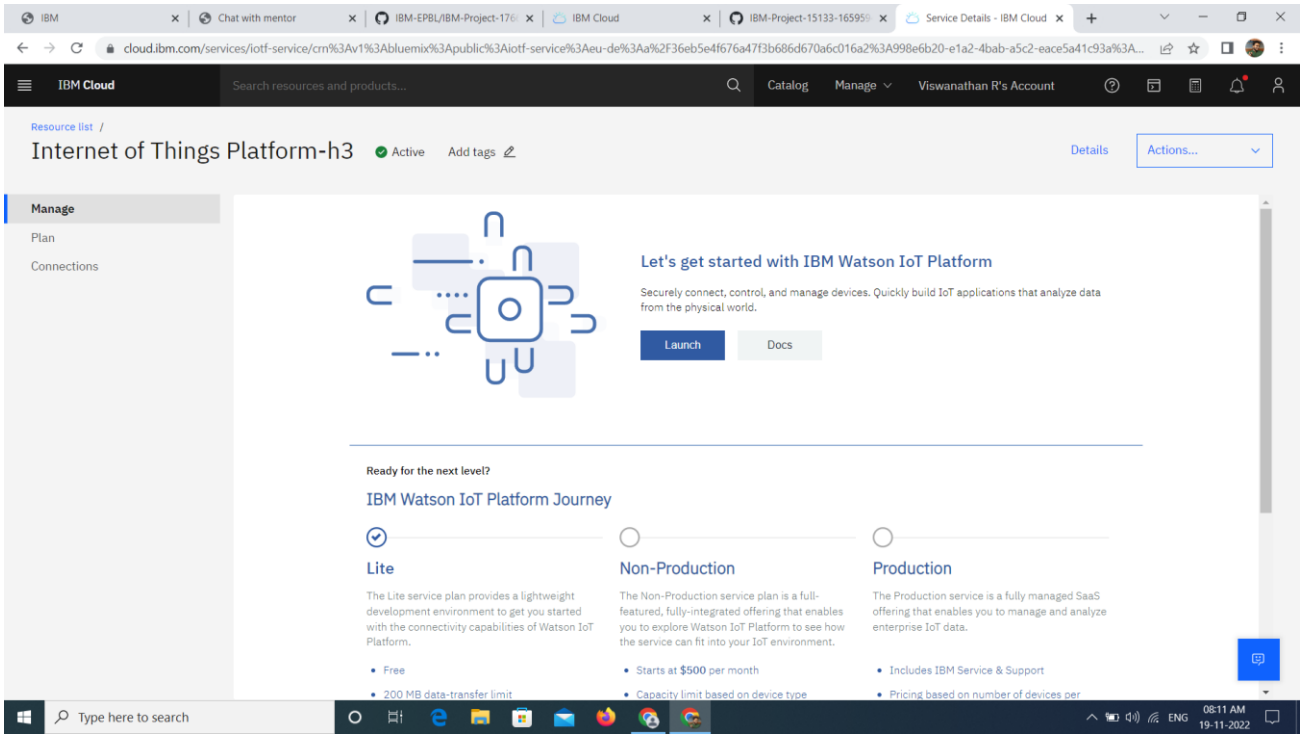
CREATE IBM WATSON IOT PLATFORM AND DEVICE

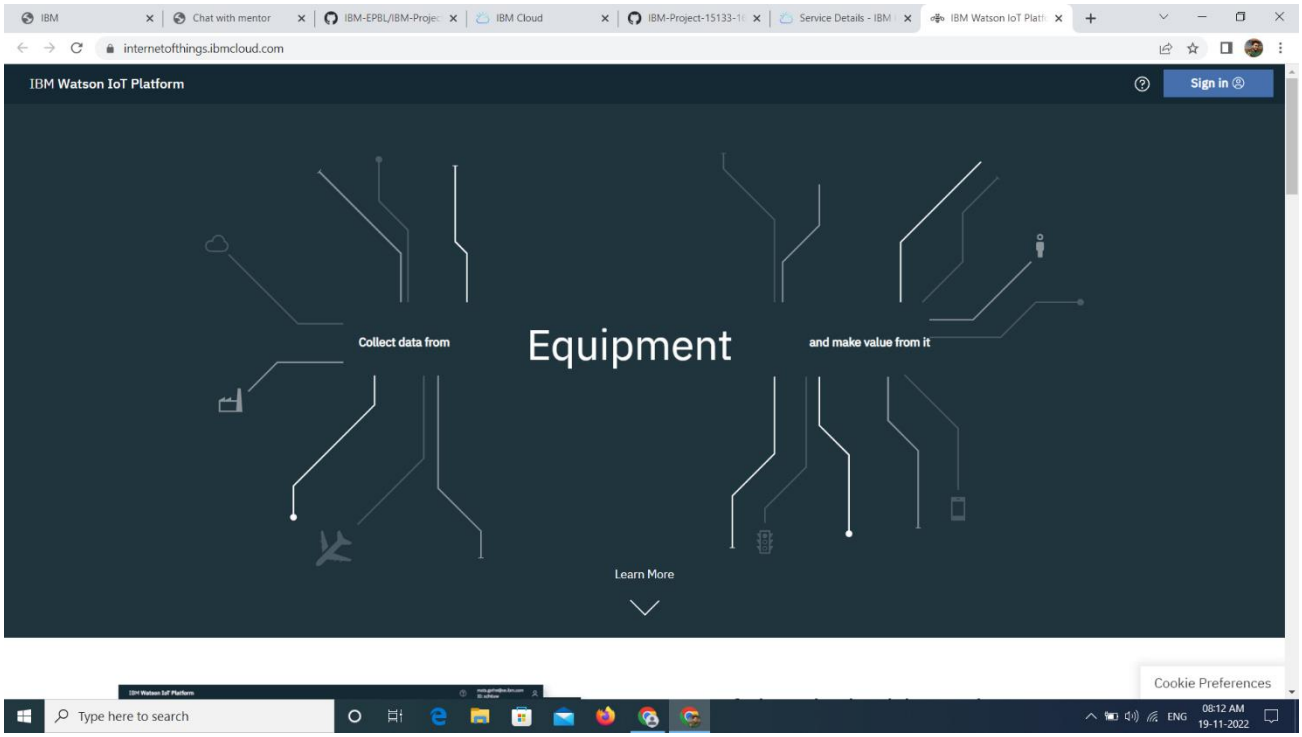
Date:	18th NOVEMBER 2022
Team ID:	PNT2022TMID04294
Project Name:	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES

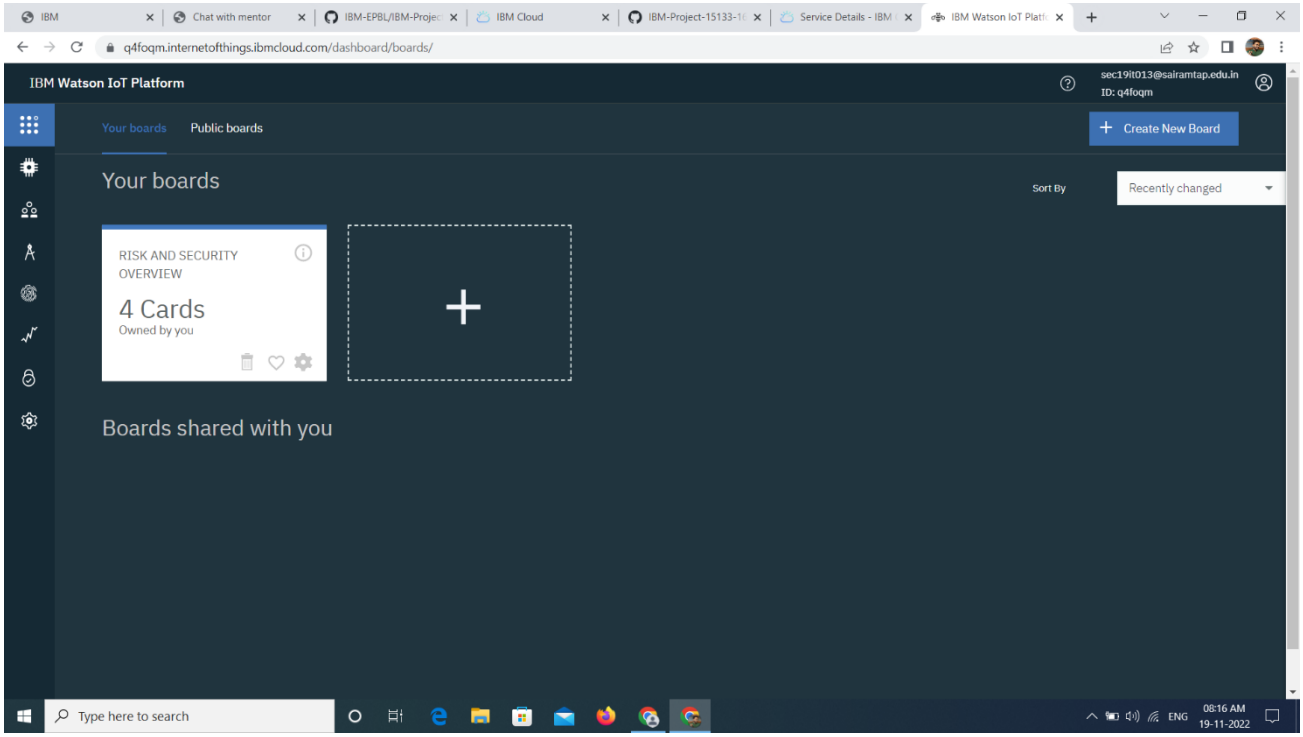
Viswanathan R , Tarrun R , Shri Gokul E , Kishore A D

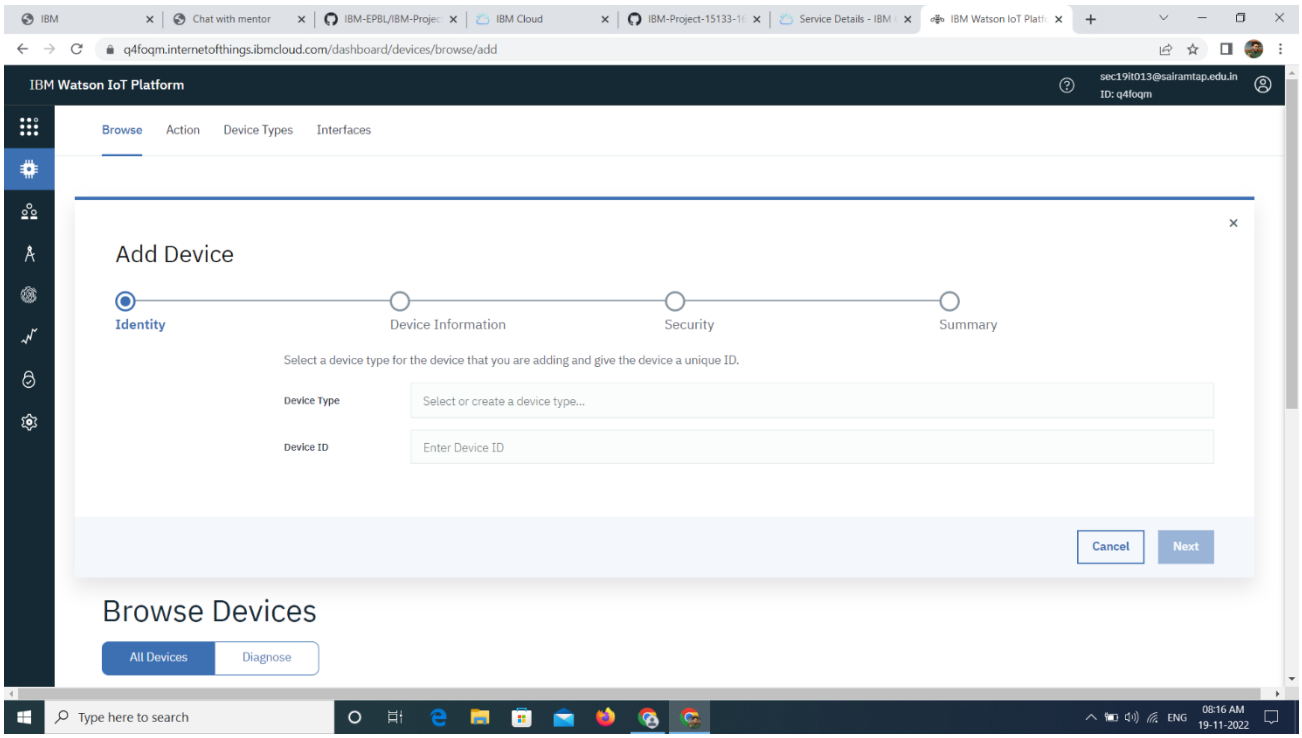


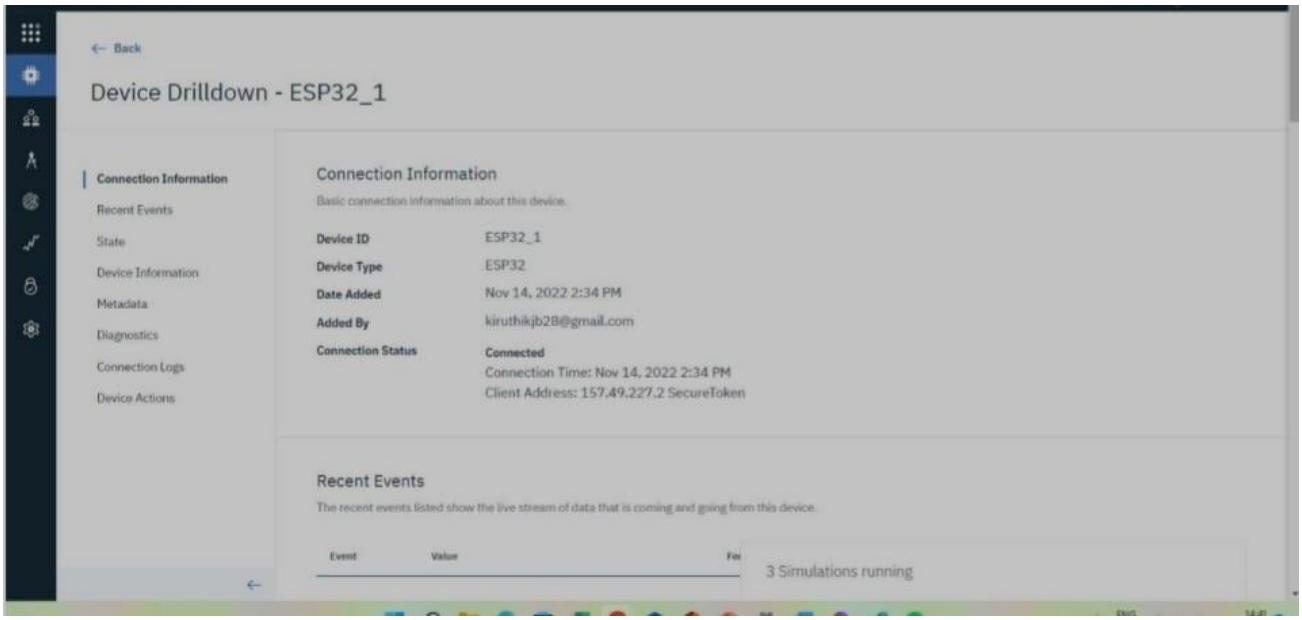

IBM Cloud
Search resources and products...
Catalog
Manage
Viswanathan R's Account
Internet of Things
Compliance
IAM-enabled
Location
Frankfurt
London
Dallas
Washington DC
Related links
Docs
Terms
Plan
Features
Pricing
Lite
Includes up to 500 registered devices, and a maximum of 200 MB of each data metric
Maximum of 500 registered devices
Maximum of 500 application bindings
Maximum of 200 MB of each of data exchanged, data analyzed and edge data analyzed
Free
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.
Lite plan services are deleted after 30 days of inactivity.
Configure your resource
Service name
Internet of Things Platform-h3
Select a resource group
Default
Tags
Examples: env:dev, version-1
Access management tags
Examples: access:dev, proj:version-1
Summary
Internet of Things Platform
Free
Location: Frankfurt
Plan: Lite
Service name: Internet of Things Platform-h3
Resource group: Default
I have read and agree to the following license agreements:
Terms
Create
Add to estimate
Type here to search
ENG
08:11 AM
19-11-2022

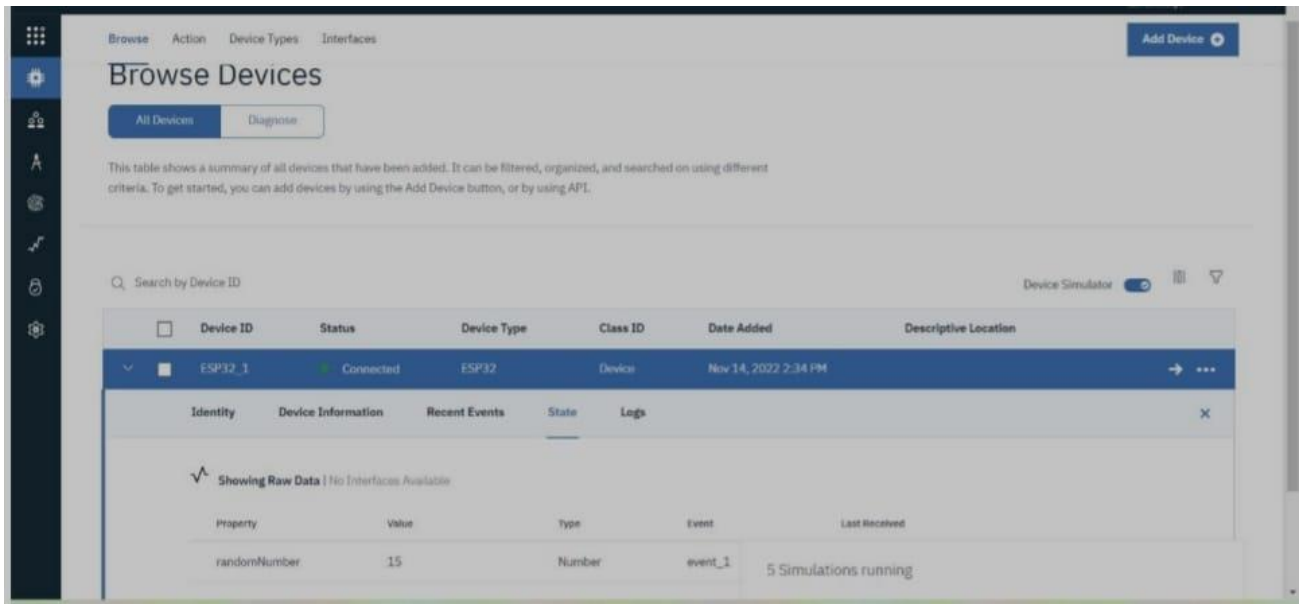

IBM Cloud
Search resources and products...
Catalog
Manage
Viswanathan R's Account
Resource list /
Internet of Things Platform-h3
Active
Add tags
Details
Actions...
Manage
Plan
Connections
Let's get started with IBM Watson IoT Platform
Securely connect, control, and manage devices. Quickly build IoT applications 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 with the connectivity capabilities of Watson IoT Platform.
Free
200 MB data-transfer limit
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
Capacity limit based on device type
Production
The Production service is a fully managed SaaS offering that enables you to manage and analyze enterprise IoT data.
Includes IBM Service & Support
Pricing based on number of devices per
Type here to search
ENG
08:11 AM
19-11-2022

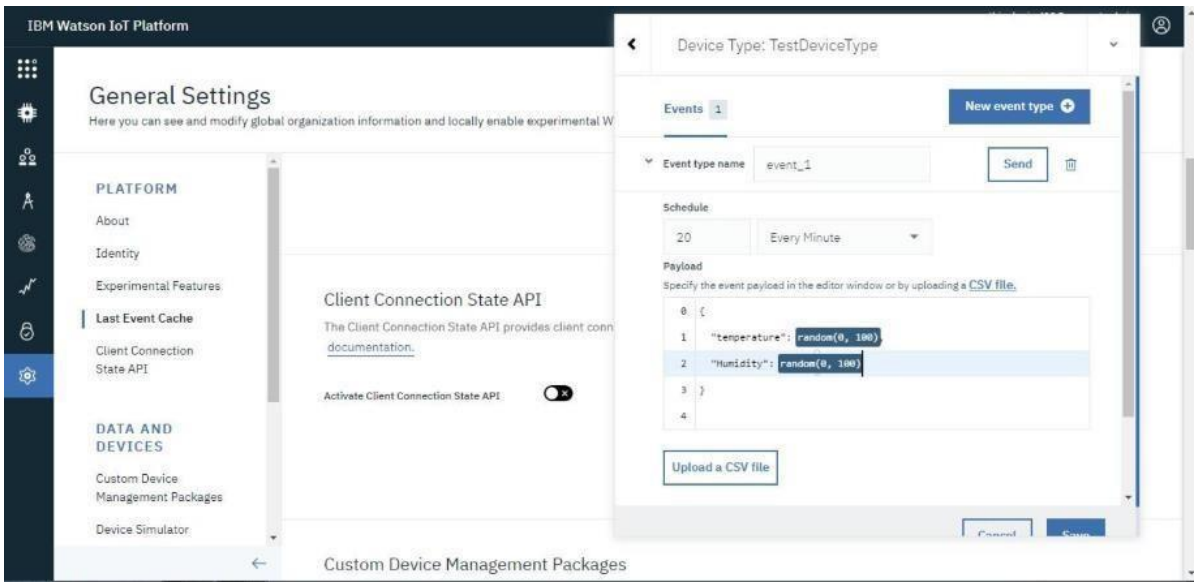

IBM Watson IoT Platform
Sign in
Collect data from
Equipment
and make value from it
Learn More
Cookie Preferences
Type here to search
ENG
08:12 AM
19-11-2022

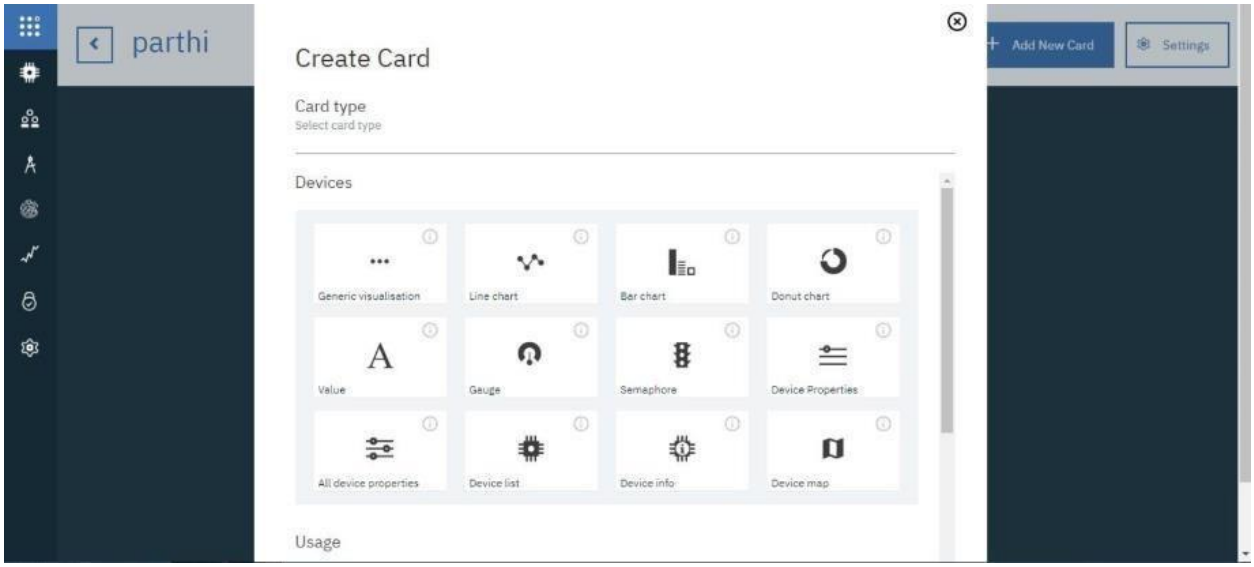

IBM Watson IoT Platform
Your boards
Public boards
Create New Board
Your boards
Sort By
Recently changed
RISK AND SECURITY OVERVIEW
4 Cards
Owned by you
Boards shared with you
Type here to search
ENG
08:16 AM
19-11-2022


IBM Watson IoT Platform
sec19it013@sairamtap.edu.in
ID: q4foqm
Browse
Action
Device Types
Interfaces
Add Device
Identity
Device Information
Security
Summary
Select a device type for the device that you are adding and give the device a unique ID.
Device Type
Select or create a device type...
Device ID
Enter Device ID
Cancel
Next
Browse Devices
All Devices
Diagnose
Type here to search
ENG
08:16 AM
19-11-2022


Back
Device Drilldown - ESP32_1
Connection Information
Recent Events
State
Device Information
Metadata
Diagnostics
Connection Logs
Device Actions
Connection Information
Basic connection information about this device.
Device ID
ESP32_1
Device Type
ESP32
Date Added
Nov 14, 2022 2:34 PM
Added By
kiruthikjb28@gmail.com
Connection Status
Connected
Connection Time: Nov 14, 2022 2:34 PM
Client Address: 157.49.227.2 SecureToken
Recent Events
The recent events listed show the live stream of data that is coming and going from this device.
Event
Value
3 Simulations running


Browse
Action
Device Types
Interfaces
Add Device
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
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.
{
"temperature": random(0, 100),
"Humidity": random(0, 100)
}
Upload a CSV file



Result:

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