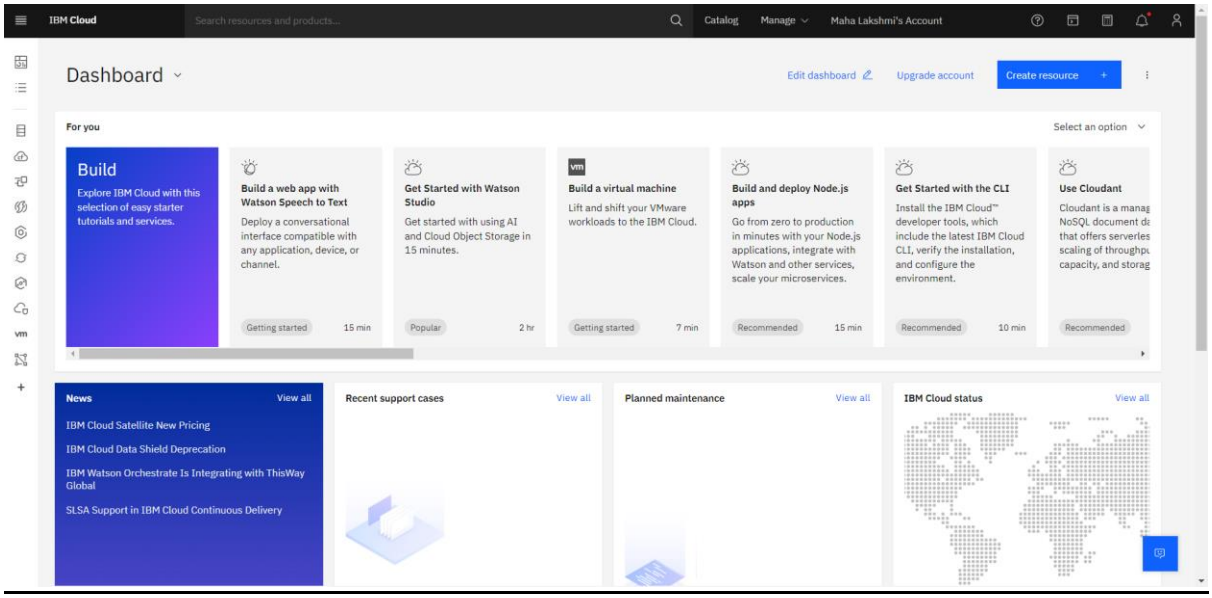
CREATE AND CONFIGURE IBM CLOUD SERVICE

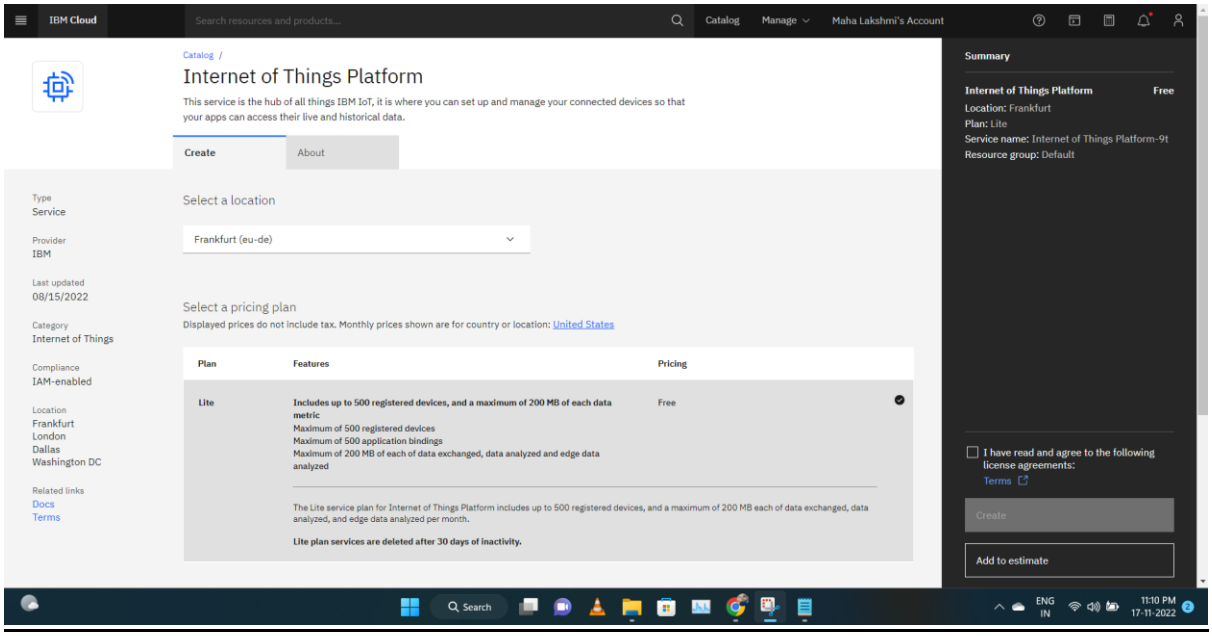
Date	18 November2022
Team id	PNT2022TMID38469
Project Name	Signs with smart connectivity for better road safety
Maximum Marks	

CREATE IBM WATSON IoT PLATFORM AND DEVICE

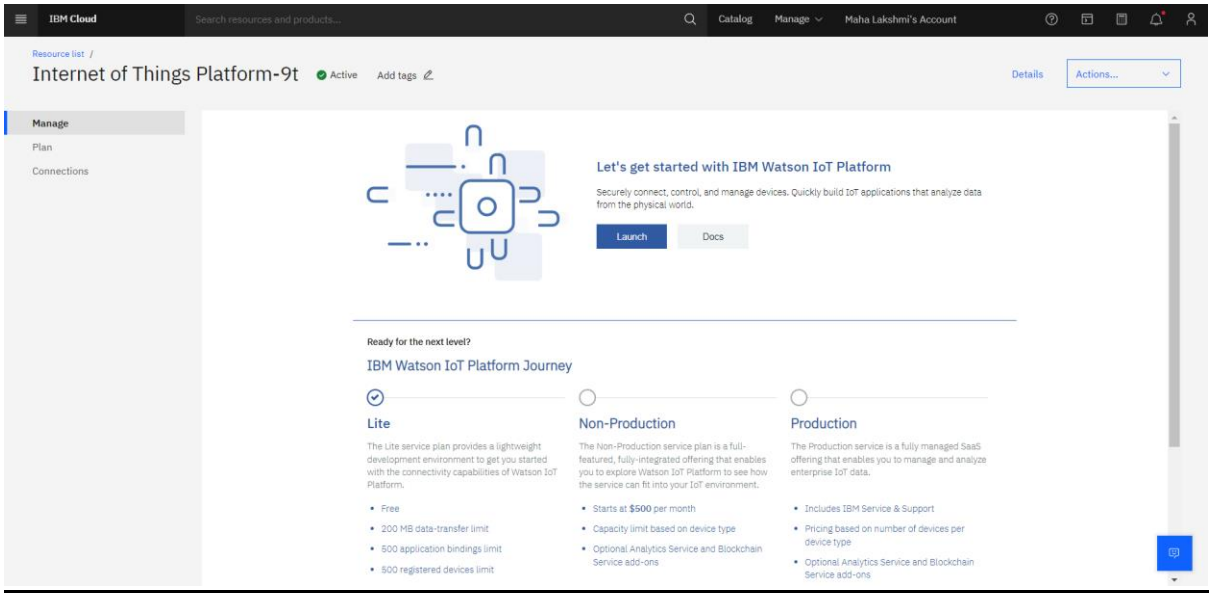
STEP:1



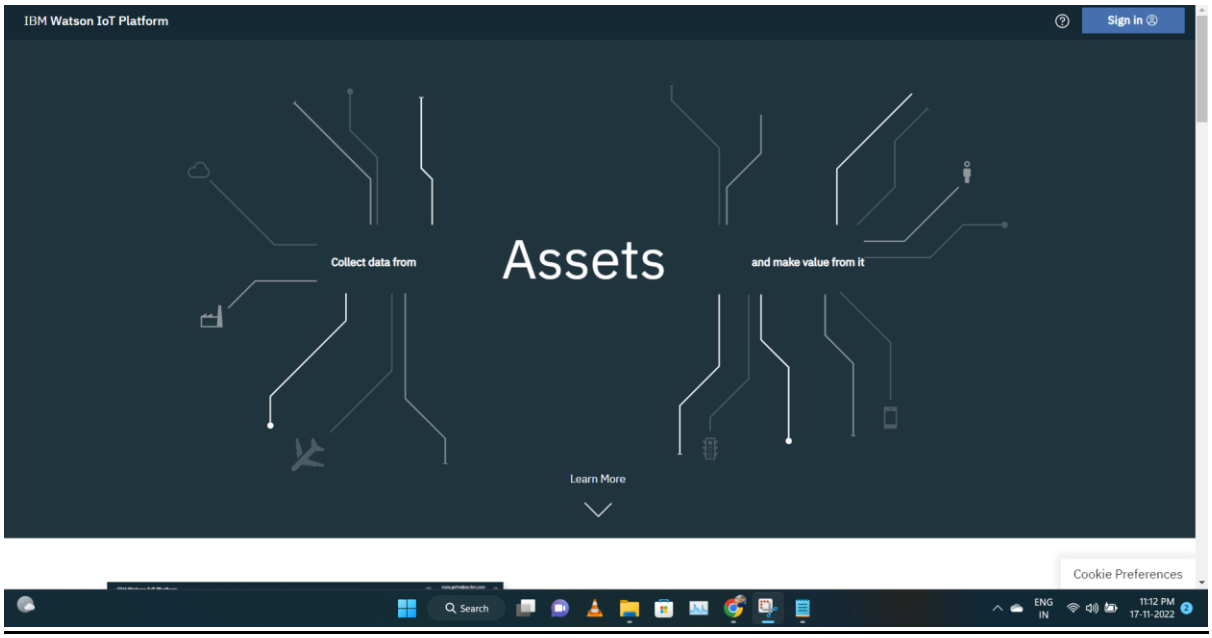
STEP:2



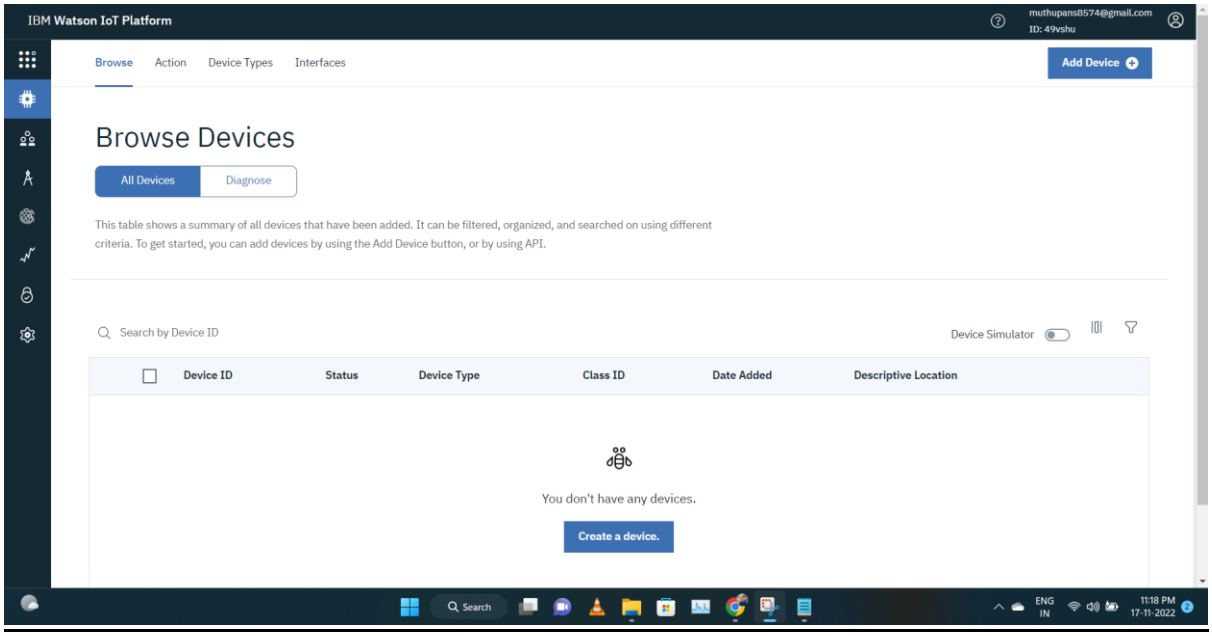
STEP:3


IBM Cloud
Search resources and products...
Catalog
Manage
Maha Lakshmi's Account
Resource list /
Internet of Things Platform-9t
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
500 application bindings limit
500 registered devices 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
Optional Analytics Service and Blockchain Service add-ons
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 device type
Optional Analytics Service and Blockchain Service add-ons

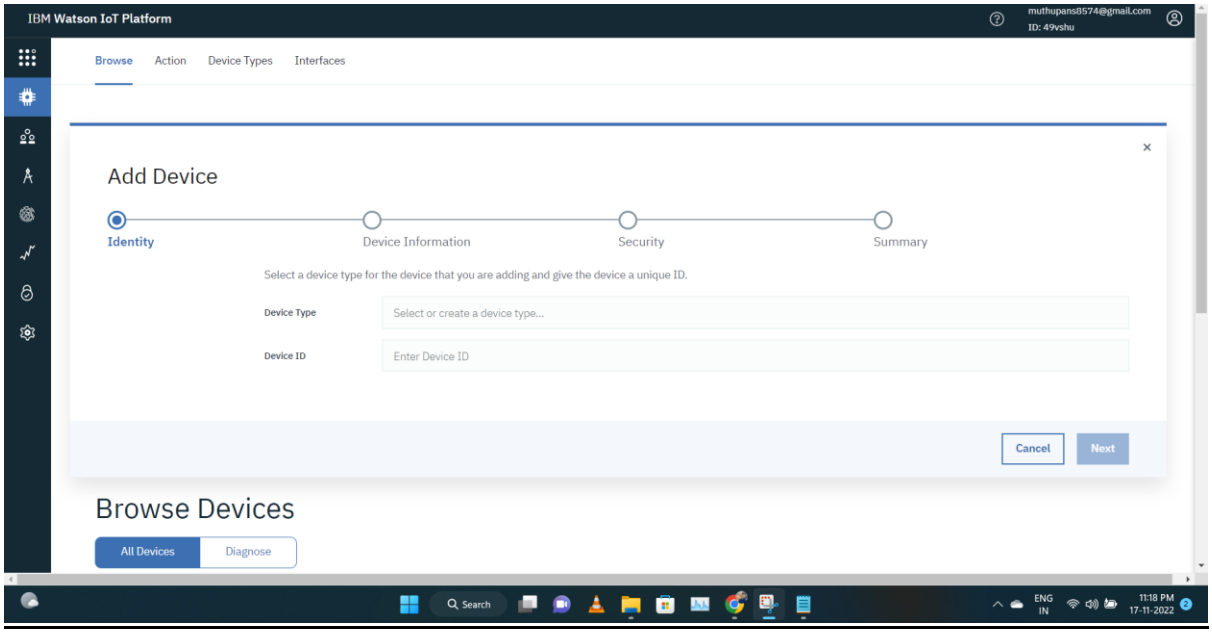
STEP:4


IBM Watson IoT Platform
Sign in
Collect data from
Assets
and make value from it
Learn More
Cookie Preferences
Search
ENG
IN
11:12 PM
17-11-2022

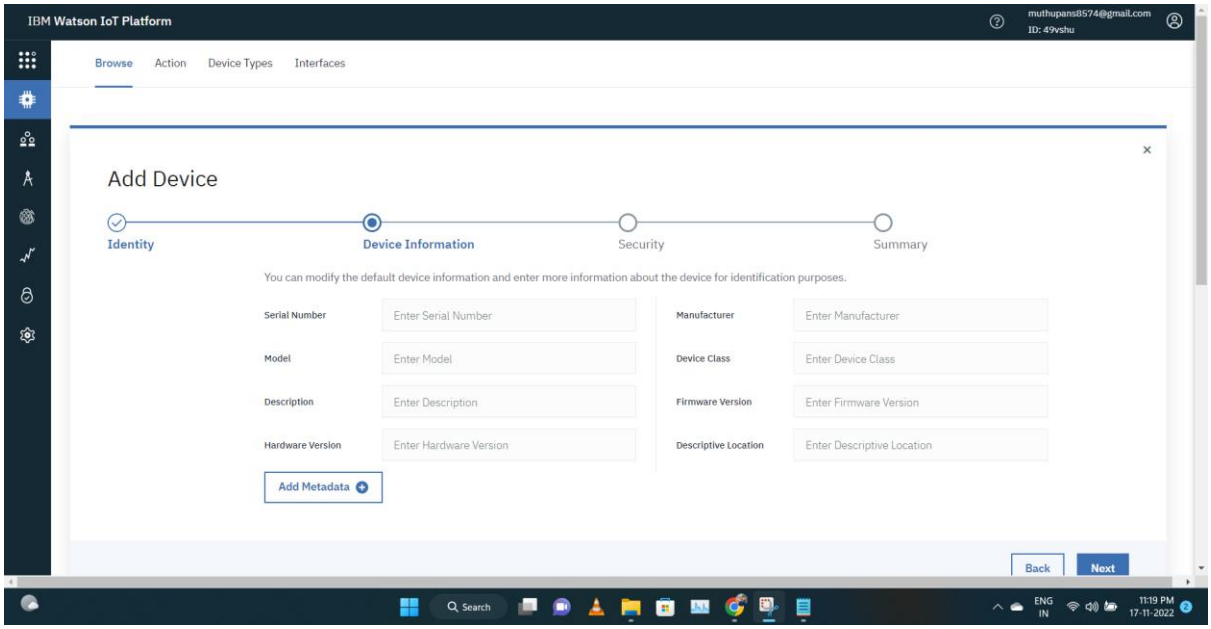
STEP:5


IBM Watson IoT Platform
muthupans8574@gmail.com
ID: 49vshu
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
You don't have any devices.
Create a device.
Search
ENG
IN
11:18 PM
17-11-2022

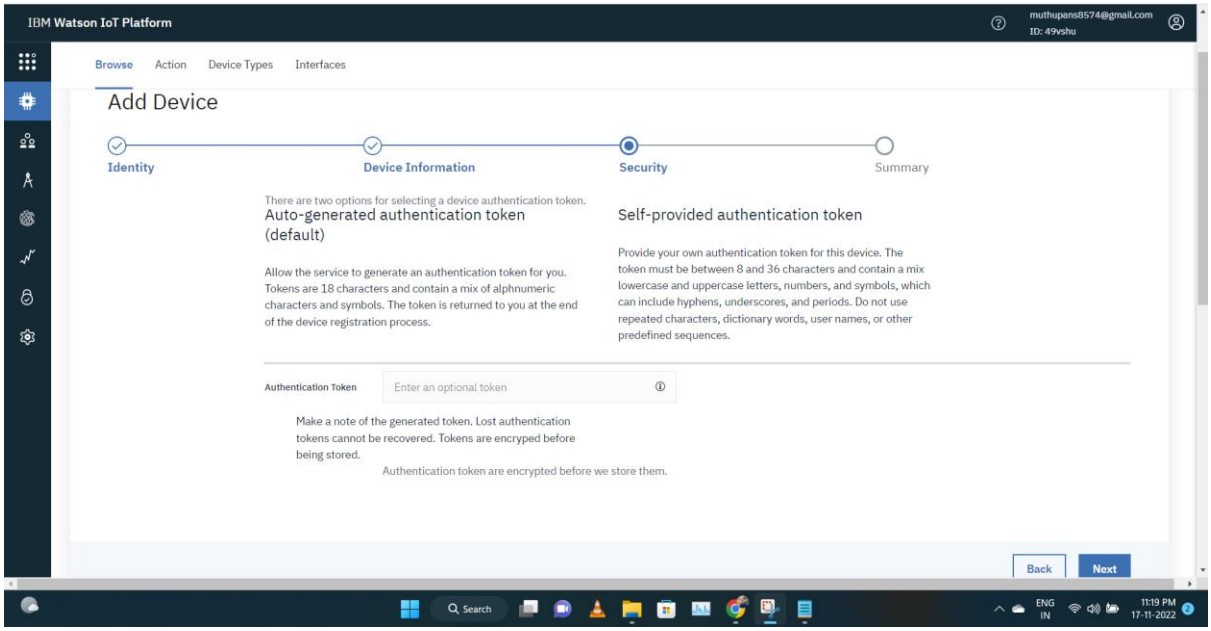
STEP:6


IBM Watson IoT Platform
muthupans8574@gmail.com
ID: 49vshu
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
Search
ENG
IN
11:18 PM
17-11-2022

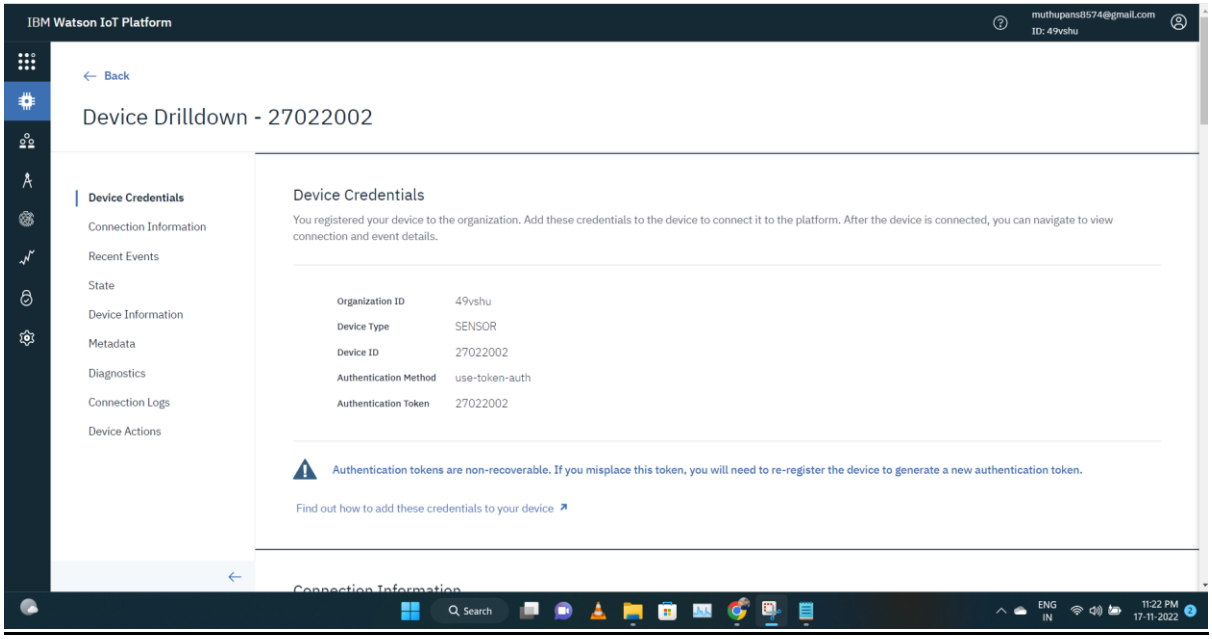
STEP:7


IBM Watson IoT Platform
muthupans8574@gmail.com
ID: 49vshu
Browse
Action
Device Types
Interfaces
Add Device
Identity
Device Information
Security
Summary
You can modify the default device information and enter more information about the device for identification purposes.
Serial Number
Enter Serial Number
Manufacturer
Enter Manufacturer
Model
Enter Model
Device Class
Enter Device Class
Description
Enter Description
Firmware Version
Enter Firmware Version
Hardware Version
Enter Hardware Version
Descriptive Location
Enter Descriptive Location
Add Metadata
Back
Next
Search
ENG
IN
11:19 PM
17-11-2022

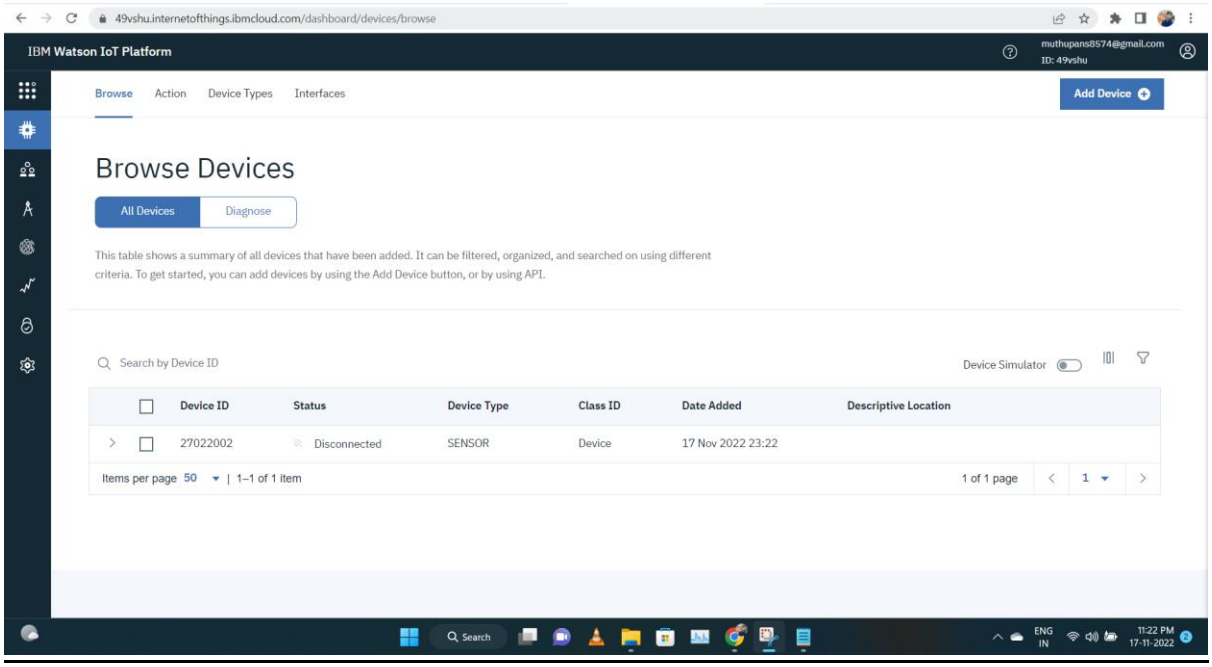
STEP:8


IBM Watson IoT Platform
muthupans8574@gmail.com
ID: 49vshu
Browse
Action
Device Types
Interfaces
Add Device
Identity
Device Information
Security
Summary
There are two options for selecting a device authentication token.
Auto-generated authentication token (default)
Allow the service to generate an authentication token for you. Tokens are 18 characters and contain a mix of alphnumeric characters and symbols. The token is returned to you at the end of the device registration process.
Self-provided authentication token
Provide your own authentication token for this device. The token must be between 8 and 36 characters and contain a mix lowercase and uppercase letters, numbers, and symbols, which can include hyphens, underscores, and periods. Do not use repeated characters, dictionary words, user names, or other predefined sequences.
Authentication Token
Enter an optional token
Make a note of the generated token. Lost authentication tokens cannot be recovered. Tokens are encryped before being stored.
Authentication token are encrypted before we store them.
Back
Next
Search
ENG
IN
11:19 PM
17-11-2022

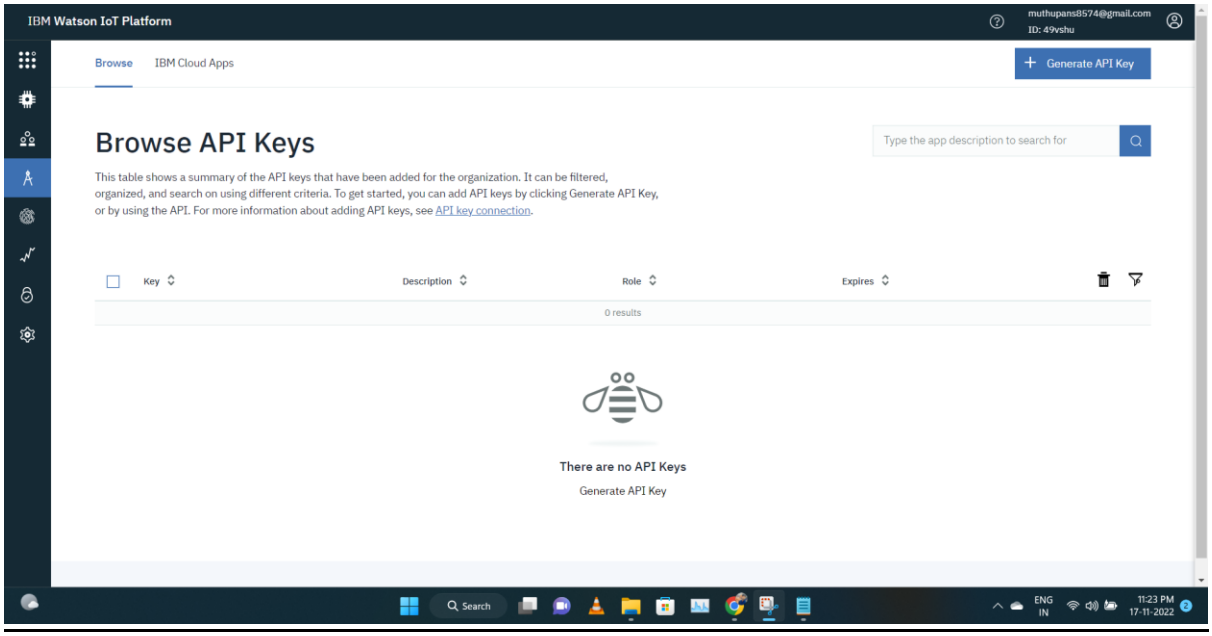
STEP:9



STEP:10



STEP:11



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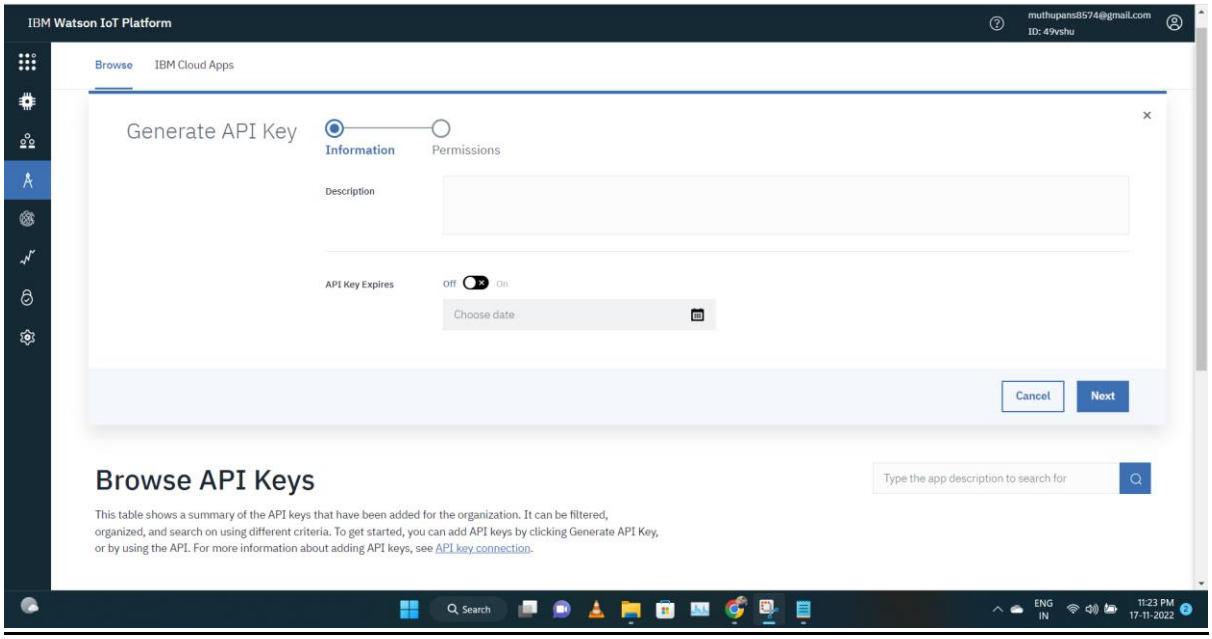

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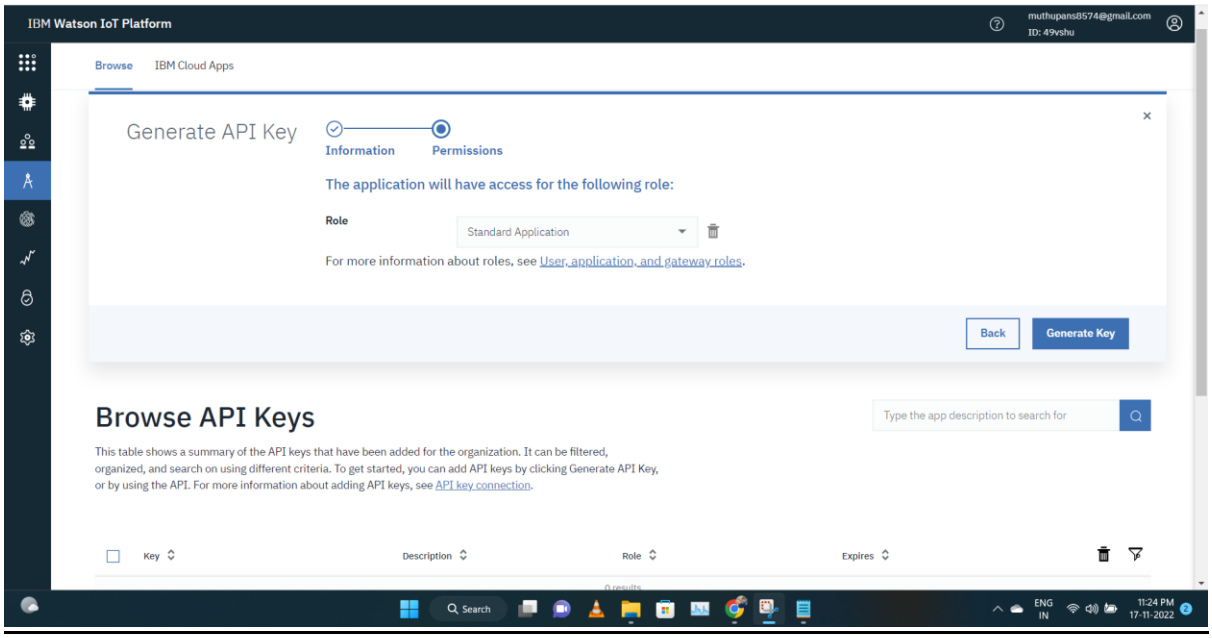

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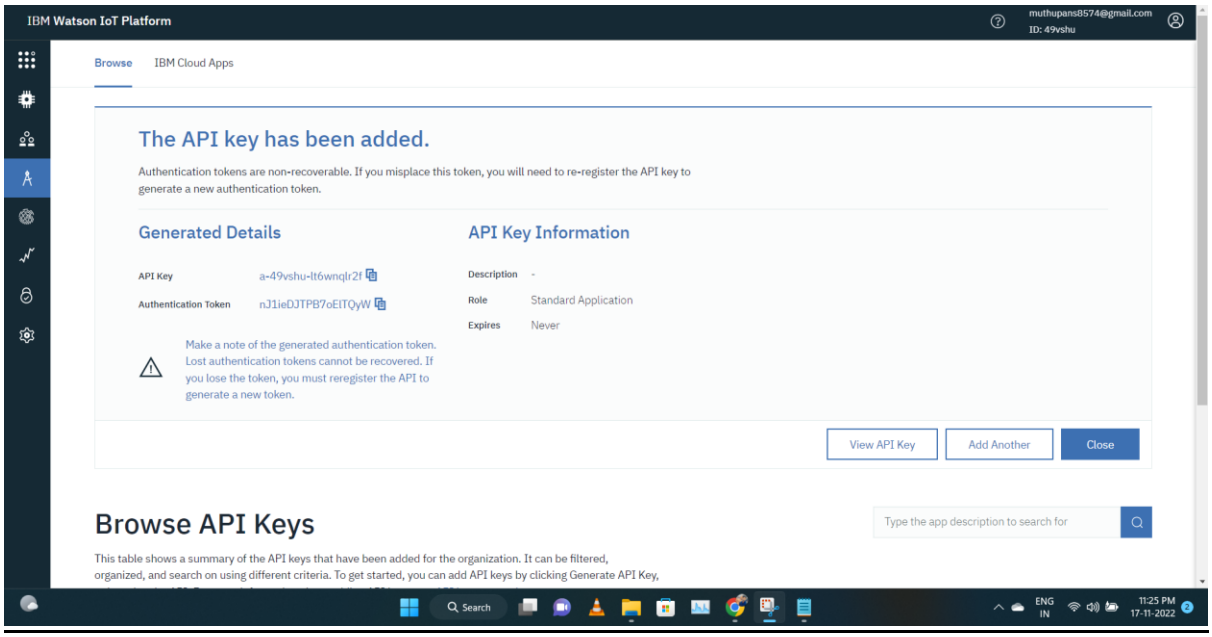
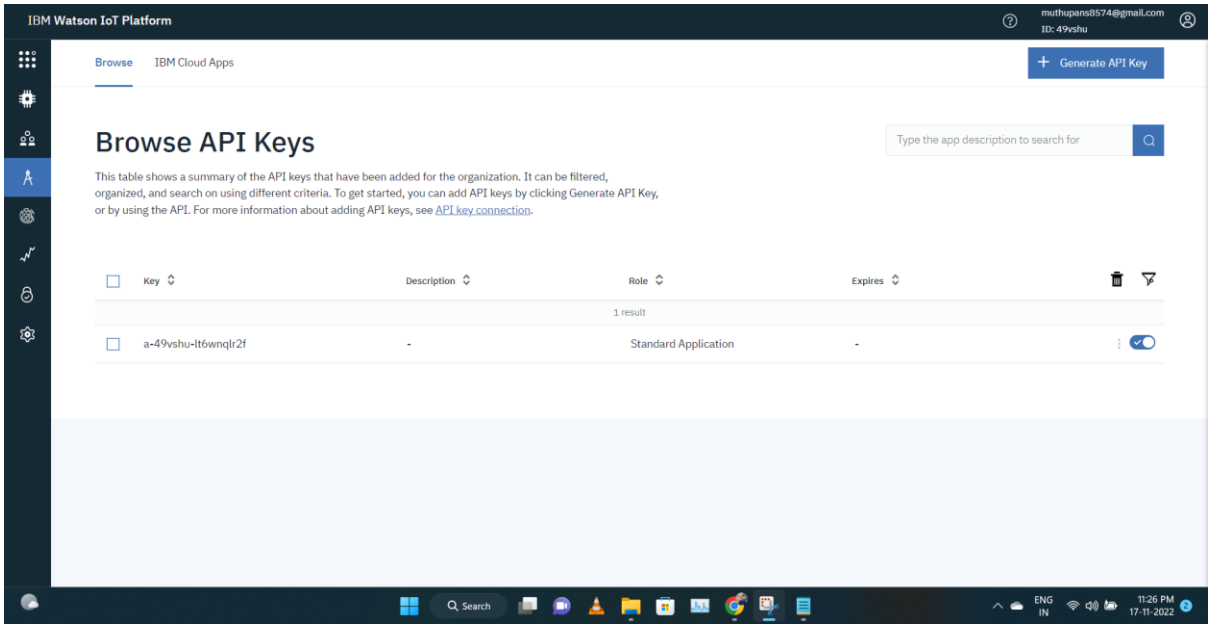


STEP:15



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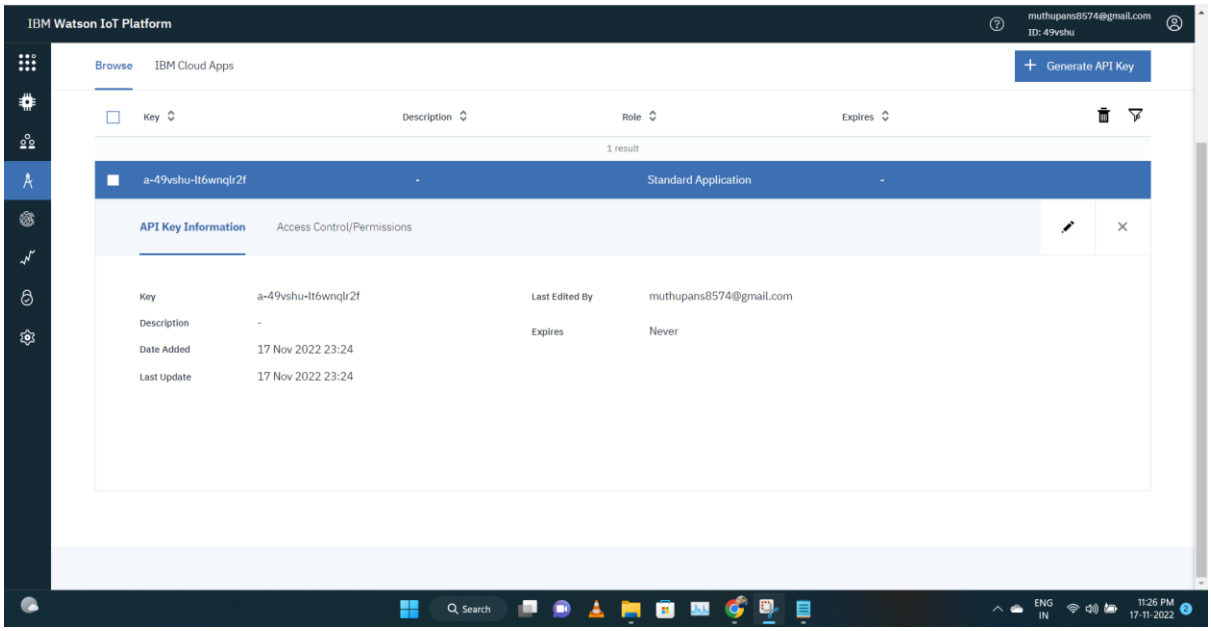
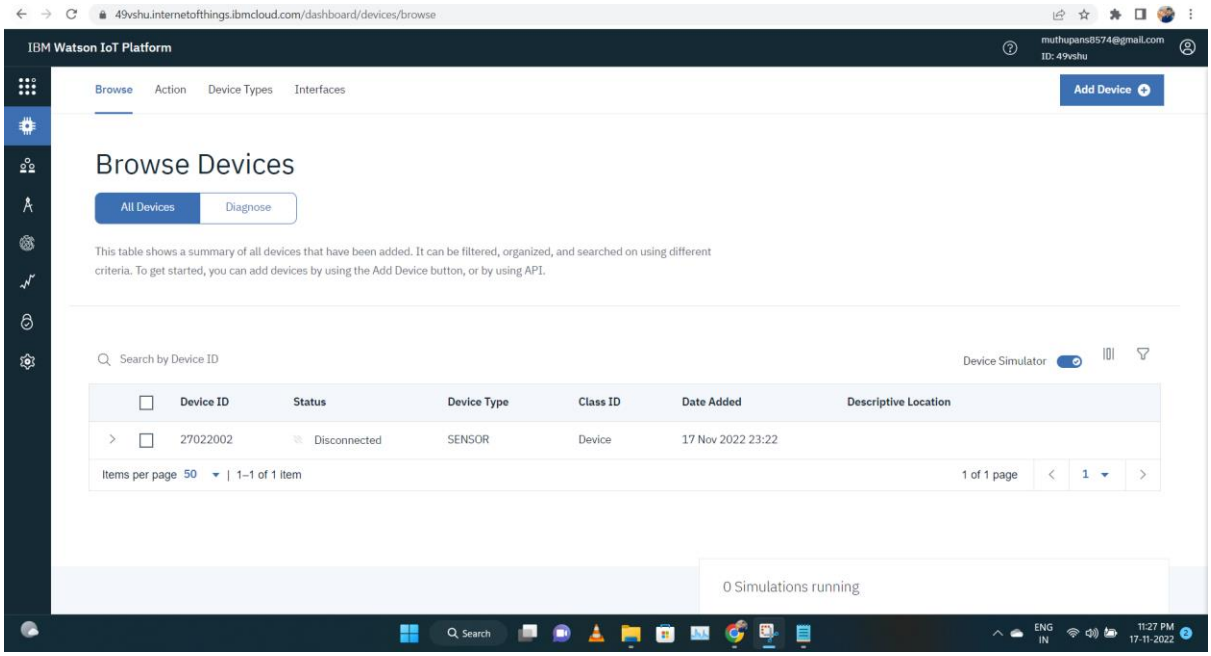
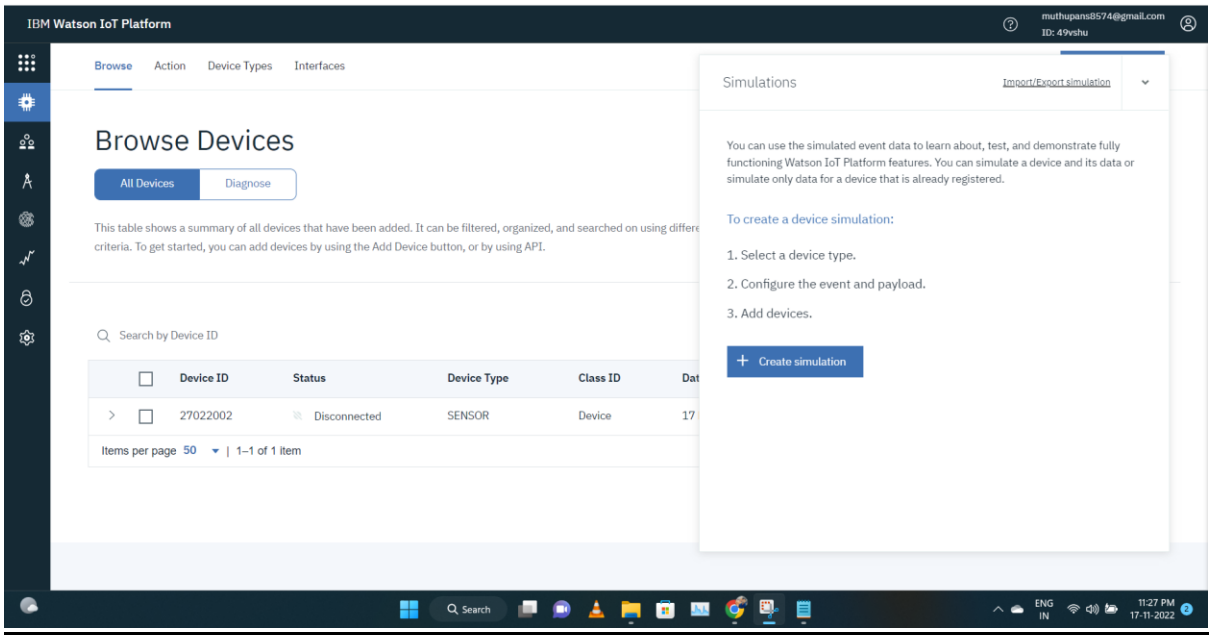


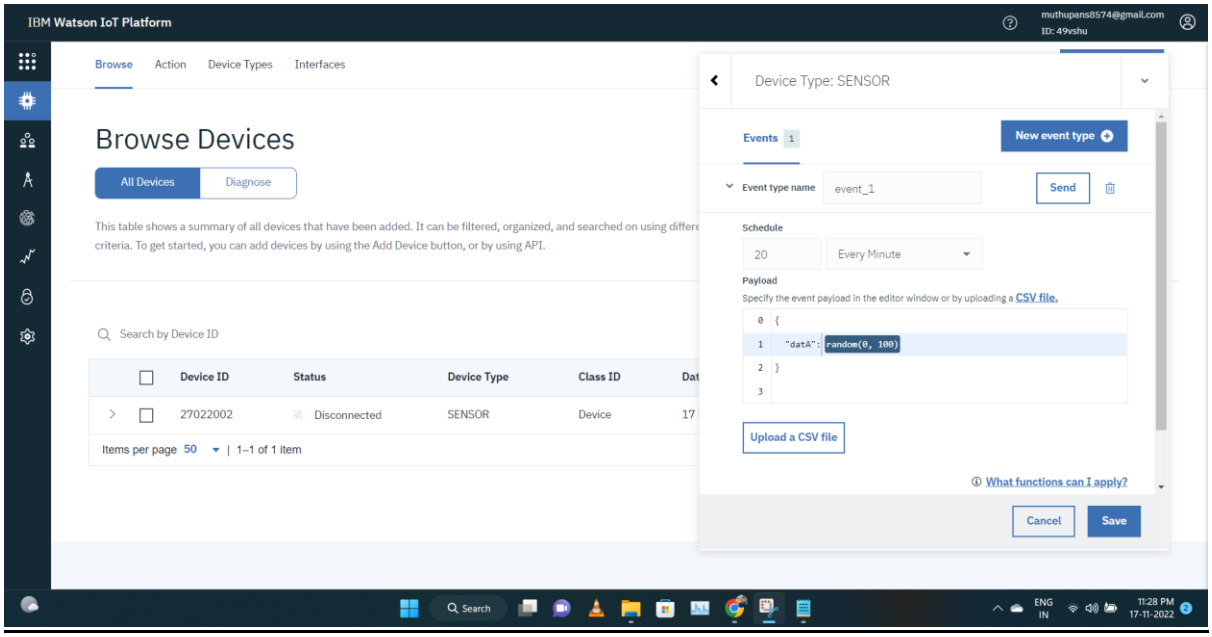
STEP:17



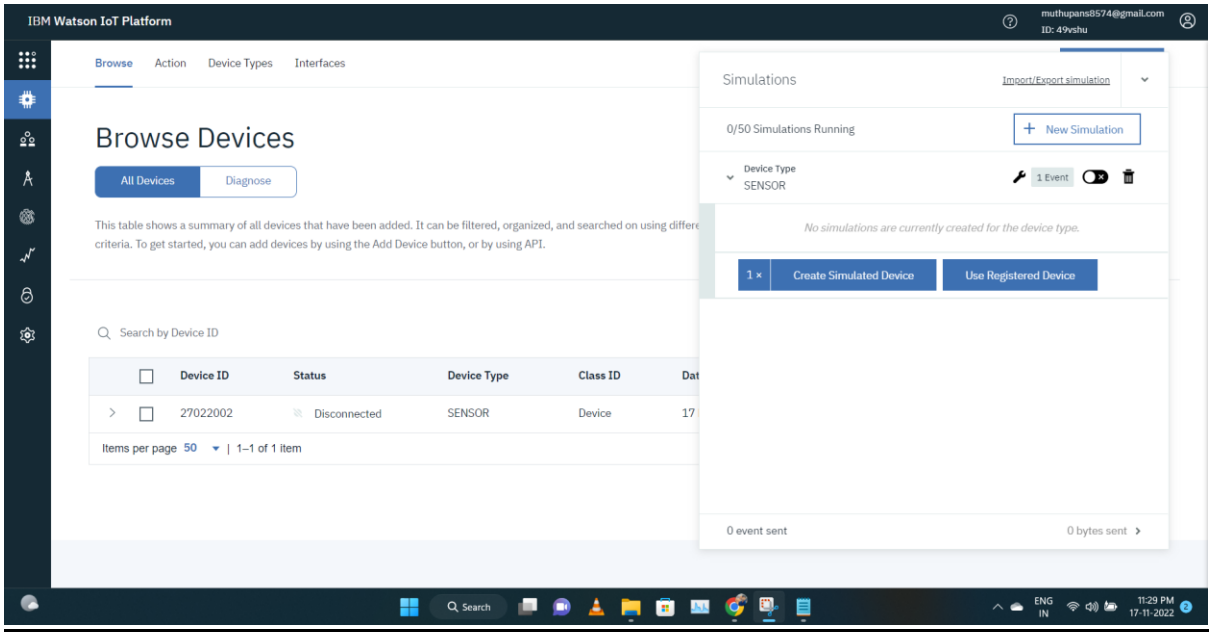
STEP:18



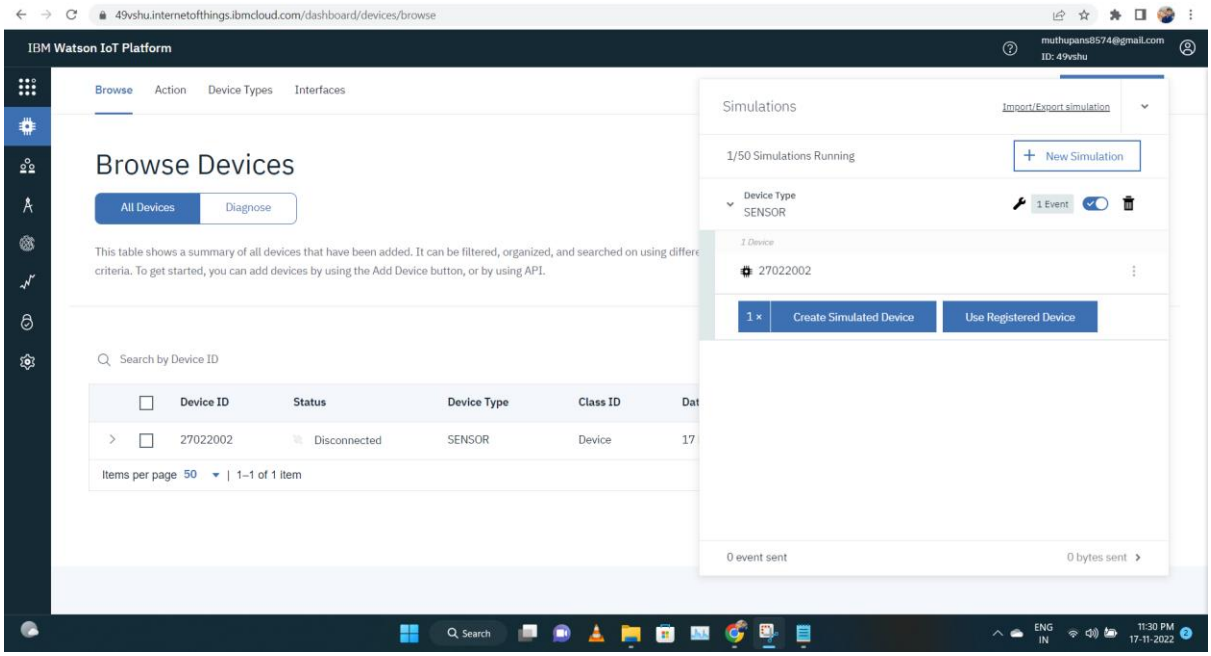
STEP:19



STEP:20



STEP:21



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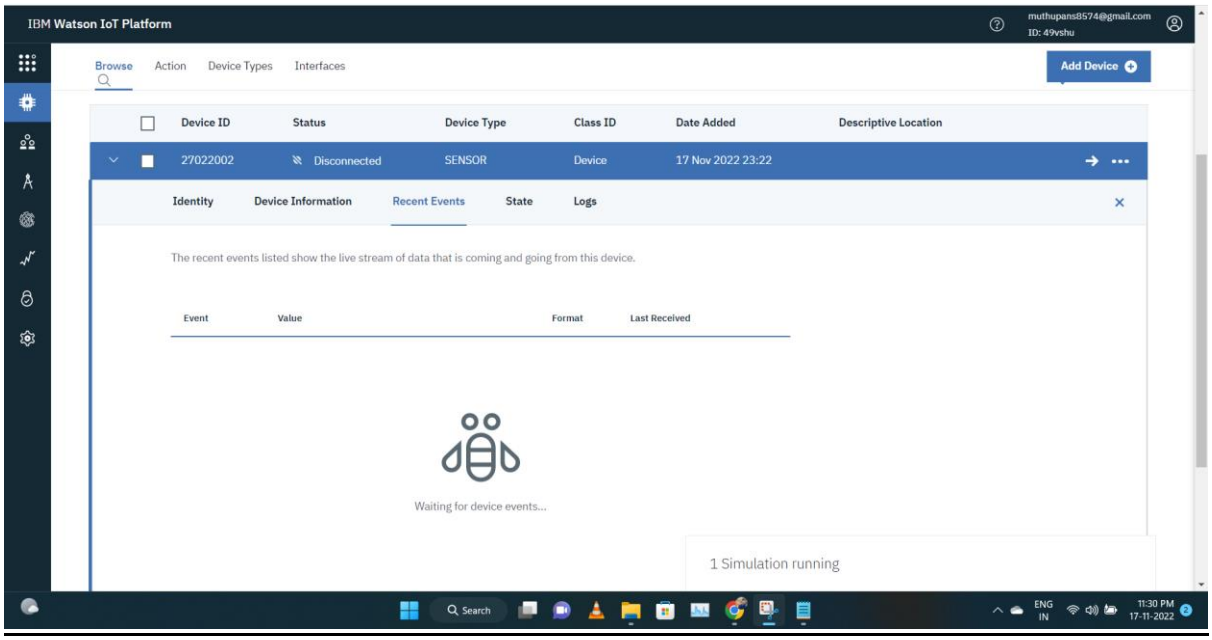

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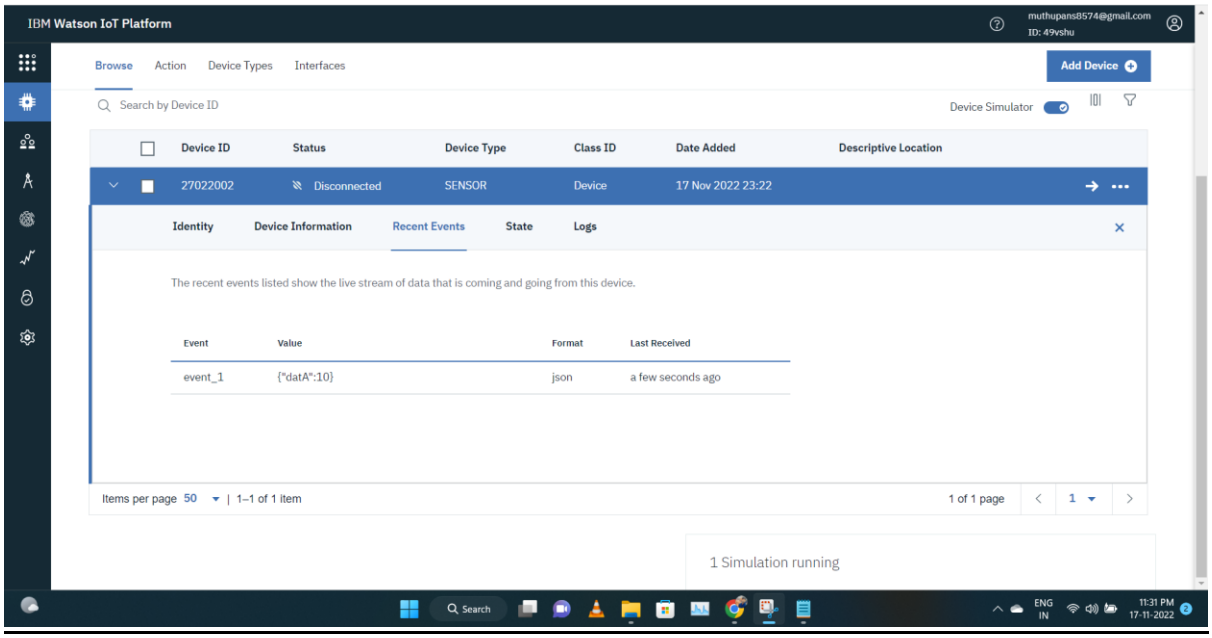
IBM Watson IoT Platform
muthupans8574@gmail.com
ID: 49vshu
Browse
Action
Device Types
Interfaces
Add Device
Search by Device ID
Device Simulator
Device ID
Status
Device Type
Class ID
Date Added
Descriptive Location
27022002
Disconnected
SENSOR
Device
17 Nov 2022 23:22
Identity
Device Information
Recent 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
{"dataA":10}
json
a few seconds ago
Items per page 50
1–1 of 1 item
1 of 1 page
1
1 Simulation running
Search
ENG
IN
11:31 PM
17-11-2022