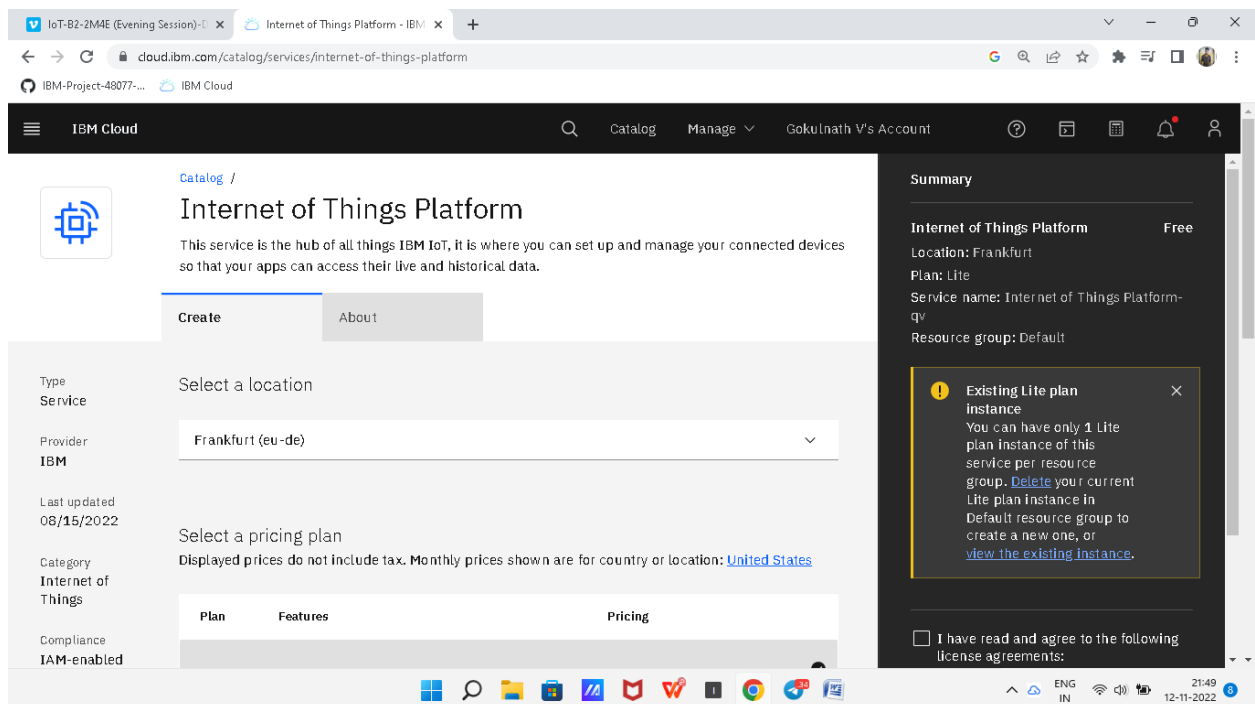
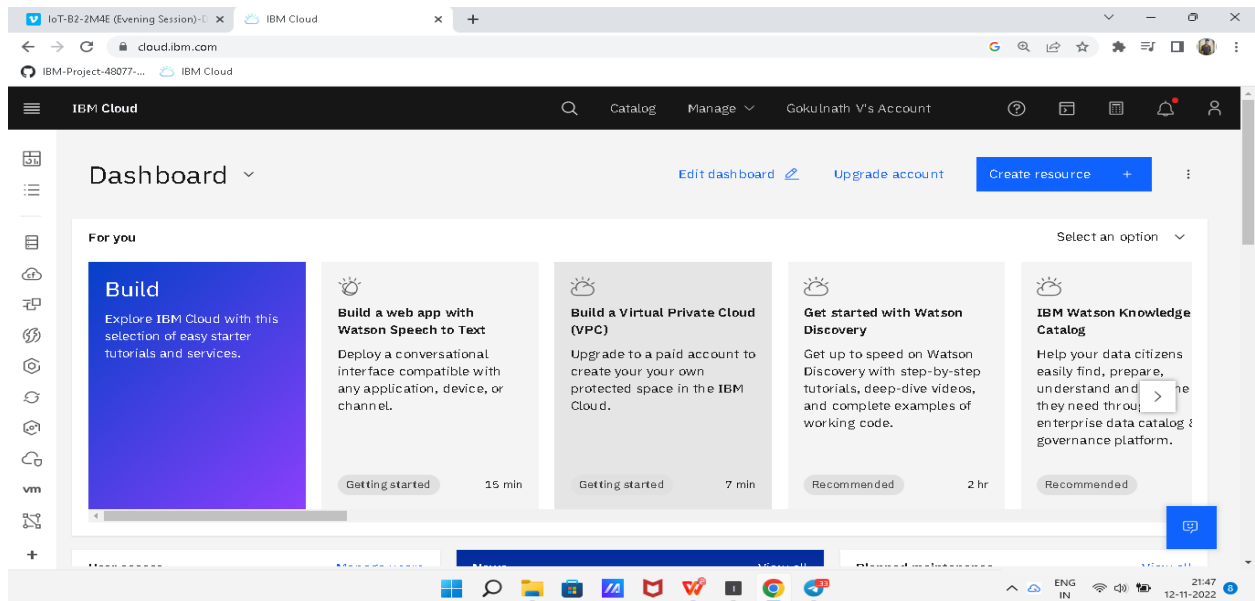


Create The IBM Watson IoT Platform And Device:



IoT-B2-2MAE (Evening Session) x Service Details - IBM Cloud x +

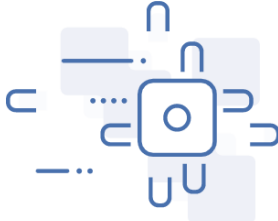
cloud.ibm.com/services/iotf-service/cm%3Av1%3Abluemix%3Apublic%3Aiotf-service%3Aeu-de%3Aa%2F38220e1819d043f7a1c97bf03b9308a8%3A... | IBM-Project-48077-... | IBM Cloud

IBM Cloud Catalog Manage Gokulnath V's Account ? ? ? ? ? ? ? ? ? ?

Resource list / Internet of Things Platform-il 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?

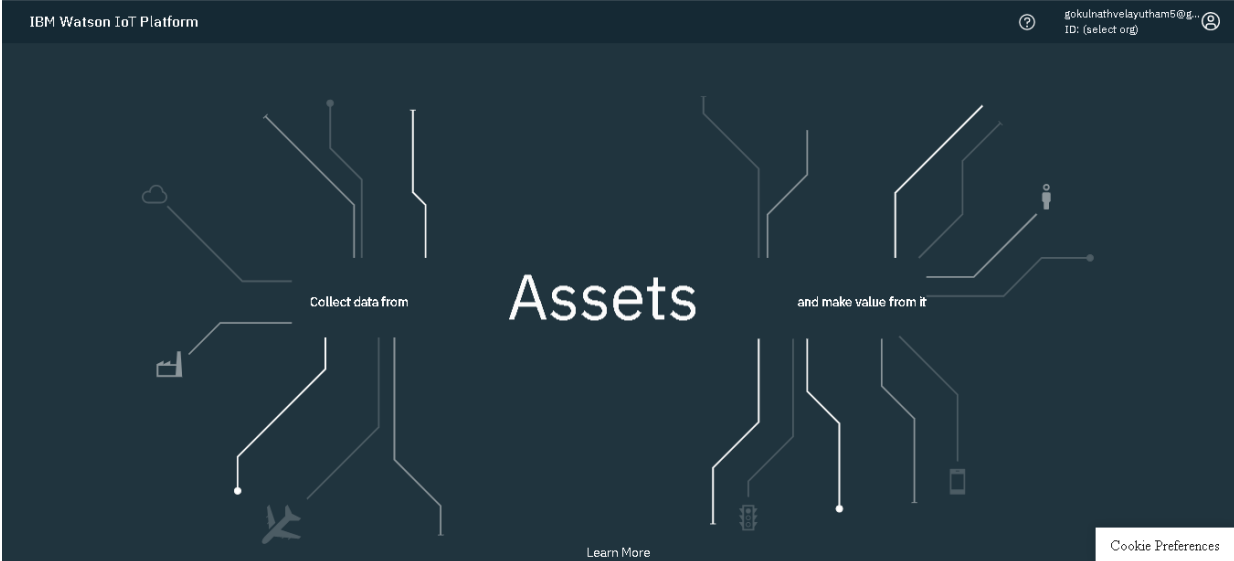
[IBM Watson IoT Platform Journey](#)

21:49 ENG IN 12-11-2022

IoT-B2-2MAE (Evening Session) x Service Details - IBM Cloud x IBM Watson IoT Platform x +

internetofthings.ibmcloud.com | IBM-Project-48077-... | IBM Cloud

IBM Watson IoT Platform ? gokulnathvelayutham5@g... ID: (select org)



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

[Learn More](#) [Cookie Preferences](#)

21:53 ENG IN 12-11-2022

IoT-B2-2MAE (Evening Session) - xService Details - IBM CloudxIBM Watson IoT Platformx+

0lu537.internetofthings.ibmcloud.com/dashboard/devices/browse

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IBM Watson IoT Platformgokulnathvelayutham5@gmail.comID: 0lu537

BrowseActionDevice TypesInterfacesAdd Device

Browse Devices

All DevicesDiagnose

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 IDDevice Simulator

<input type="checkbox"/>	Device ID	Status	Device Type	Class ID	Date Added
--------------------------	-----------	--------	-------------	----------	------------

21:5412-11-2022

IoT-B2-2MAE (Evening Session) - xService Details - IBM CloudxIBM Watson IoT Platformx+

0lu537.internetofthings.ibmcloud.com/dashboard/devices/types/add

IBM-Project-48077-...IBM Cloud

IBM Watson IoT Platformgokulnathvelayutham5@gmail.comID: 0lu537

BrowseActionDevice TypesInterfaces

Device types group devices that have similar characteristics, such as model number, firmware version, or location. Give the device type a unique name and a description that identifies characteristics that are shared by devices of this type.

TypeDeviceOrGateway

Nametestdevice6

The device type name is used to identify the device type uniquely and uses a restricted set of characters to make it suitable for API use.

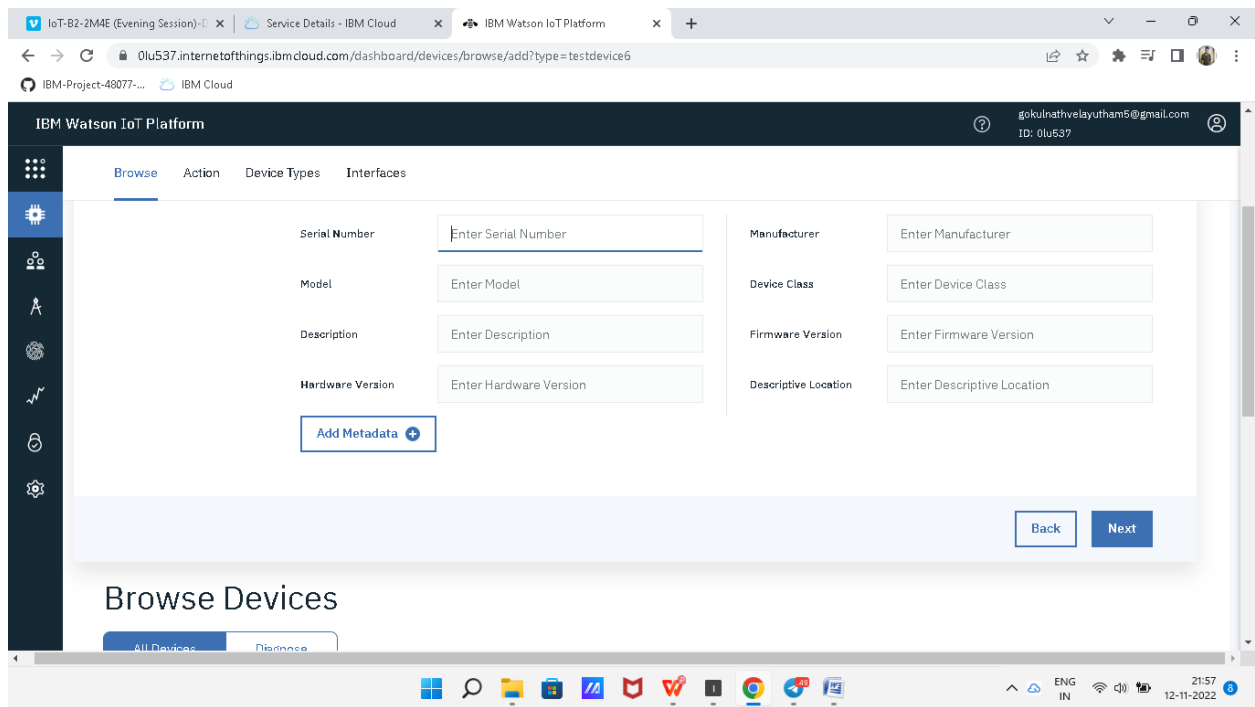
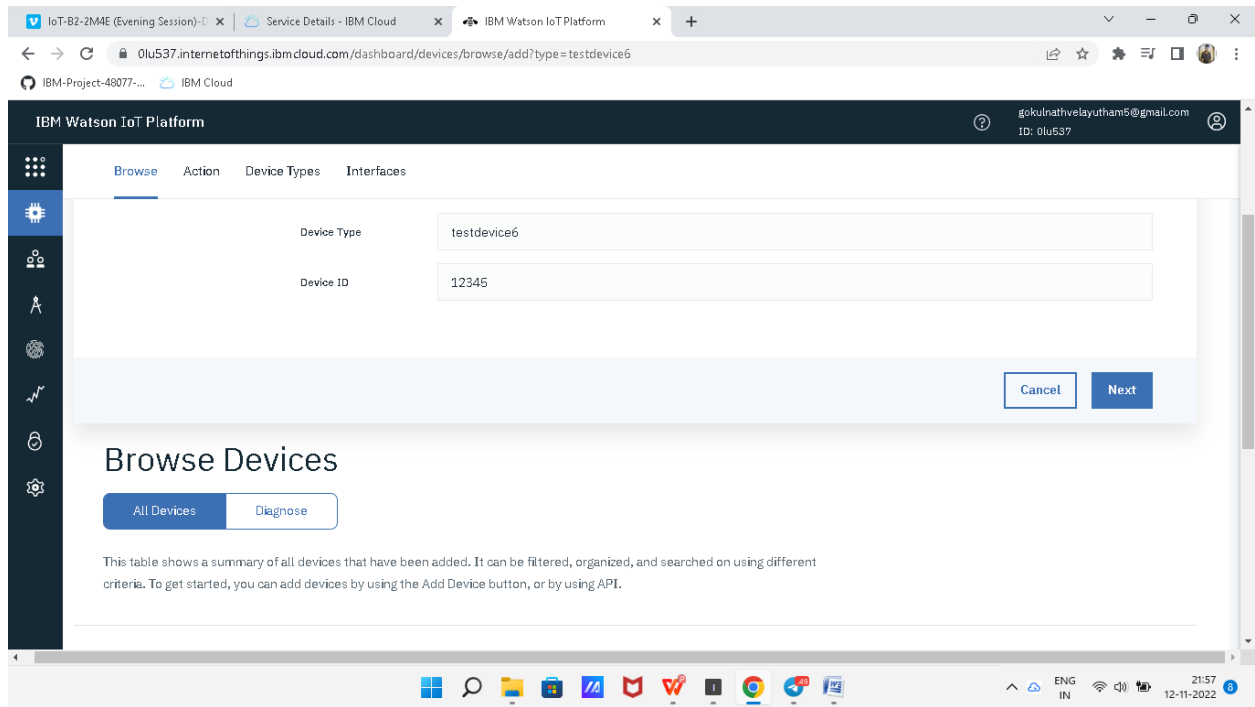
Description

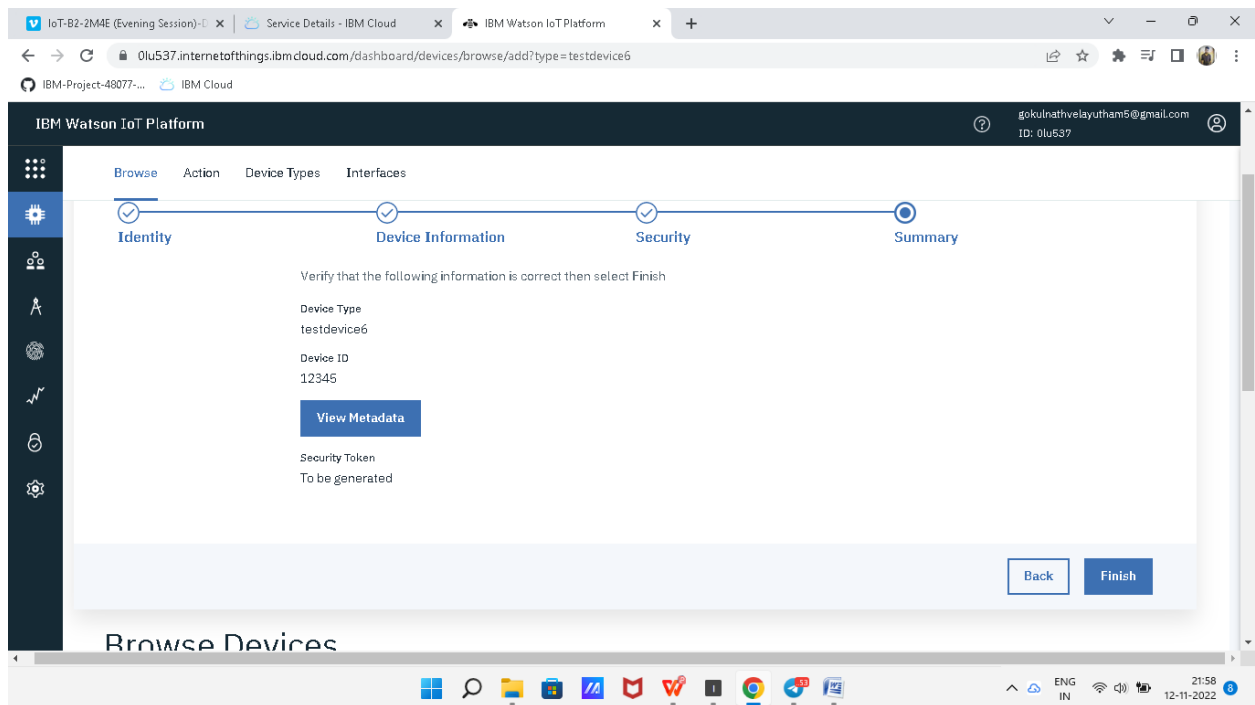
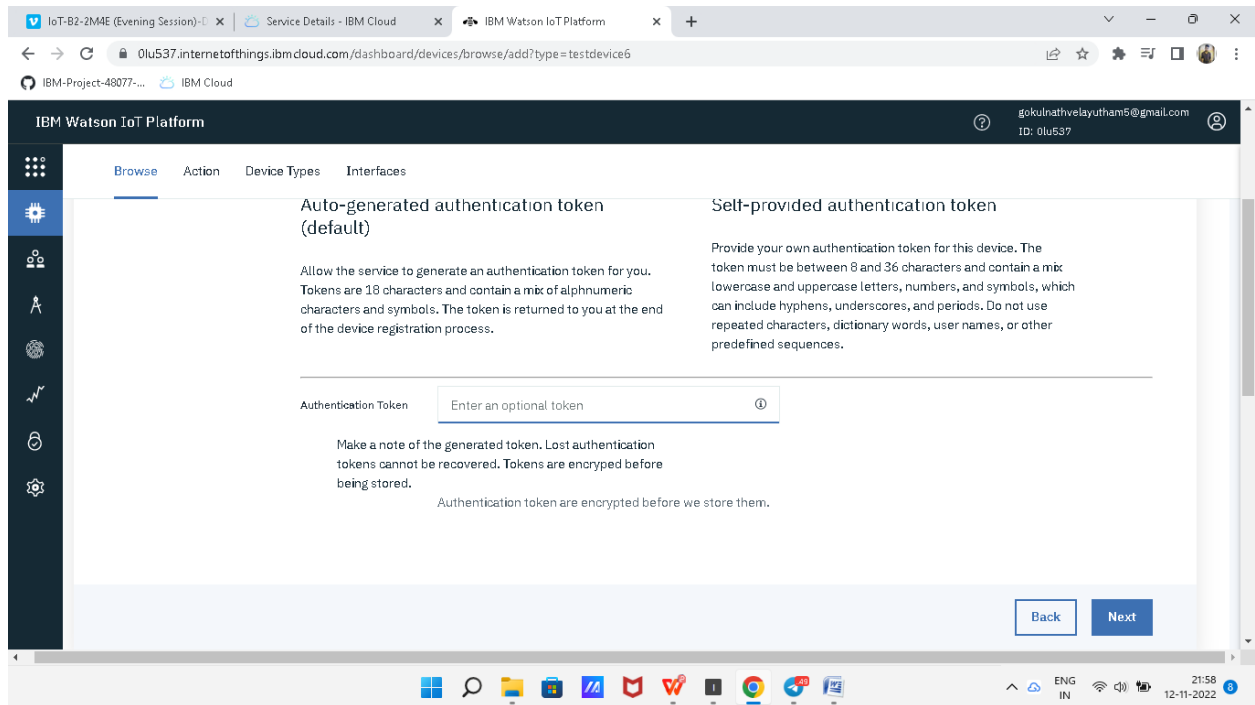
CancelNext

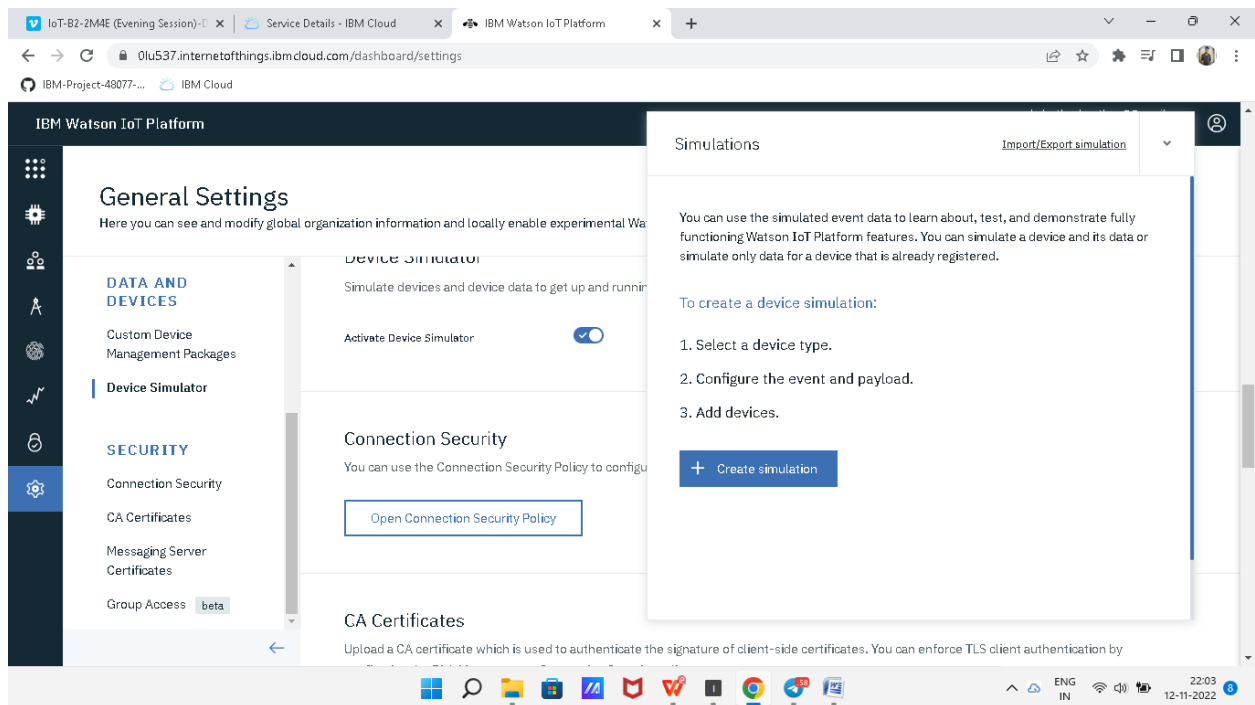
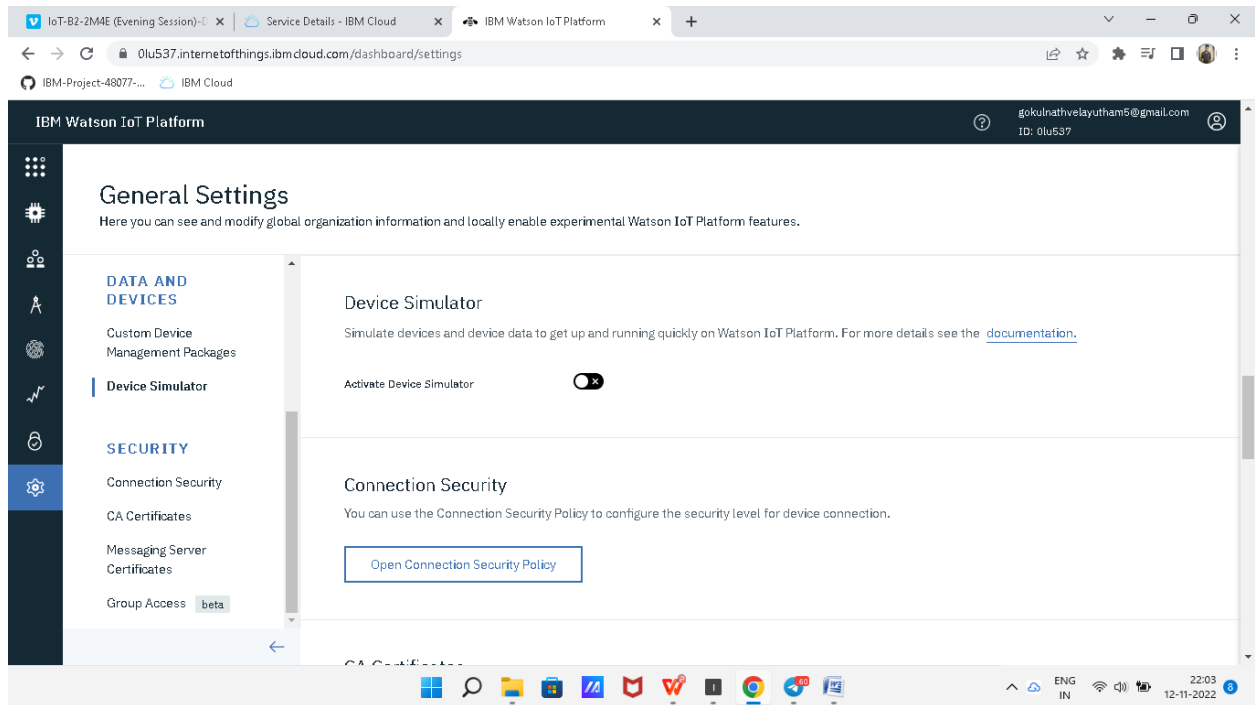
Device Types

This table lists all device types that are defined. You can filter the list and search for the name.

21:5512-11-2022







IoT-B2-2MAE (Evening Session) - IBM Cloud Service Details - IBM Watson IoT Platform

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IBM-Project-48077-... IBM Cloud

IBM Watson IoT Platform

General Settings

Here you can see and modify global organization information and locally enable experimental Watson IoT Platform features.

DATA AND DEVICES

- Custom Device Management Packages
- Device Simulator**

SECURITY

- Connection Security
- CA Certificates
- Messaging Server Certificates
- Group Access beta

Device Simulator

Simulate devices and device data to get up and running.

Activate Device Simulator ☒

Connection Security

You can use the Connection Security Policy to configure the security of your devices.

[Open Connection Security Policy](#)

CA Certificates

Upload a CA certificate which is used to authenticate the signature of client-side certificates. You can enforce TLS client authentication by

Device Type: testdevice6

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   "randomNumber": random(0, 100)
2 }
3
```

[Upload a CSV file](#)

[What functions can I apply?](#)

IoT-B2-2MAE (Evening Session) - IBM Cloud Service Details - IBM Watson IoT Platform

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IBM Watson IoT Platform

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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(10, 50)
2   "humidity": random(0, 100)
3 }
4
```

[Upload a CSV file](#)

IoT-B2-2MAE (Evening Session) - IBM Cloud IBM Watson IoT Platform

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IBM-Project-48077-... IBM Cloud

IBM Watson IoT Platform

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- CA Certificates
- Messaging Server Certificates
- Group Access beta

Device Simulator

Simulate devices and device data to get up and running.

Activate Device Simulator ☒

Connection Security

You can use the Connection Security Policy to configure the security level for all devices.

[Open Connection Security Policy](#)

CA Certificates

Upload a CA certificate which is used to authenticate the signature of client-side certificates. You can enforce TLS client authentication by

Simulations

Import/Export simulation

Device Type: testdevice6 1 Event 1 Device

12345

1 x [Create Simulated Device](#) [Use Registered Device](#)

0 event sent 0 bytes sent

22:05 12-11-2022

IoT-B2-2MAE (Evening Session) - IBM Cloud IBM Watson IoT Platform

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[Back](#) [Cancel](#) [Save](#)

Default Rule

Use the Connection Security policy to set the default security level that is applied to all devices. You can then add custom rules for specific devices.

Define the default connection security level for all devices.

Scope: Default

Custom Rules

You can define custom connection rules for specific device types. Custom rules overwrite the specified device types.

1 Simulation running

Warning

TLS Optional does not force encryption of network communication when devices do not connect with TLS 1.1 or higher. Using non-TLS connections allows device credentials and sensitive data to be viewed by others on the network. The user is solely responsible for the protection of data it transmits over TLS Optional.

[OK](#)

22:07 12-11-2022

IoT-B2-2MAE (Evening Session) - x Service Details - IBM Cloud x IBM Watson IoT Platform x +

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Browse Action Device Types Interfaces

Add Device +

Search by Device ID

Device Simulator

Device ID	Status	Device Type	Class ID	Date Added
12345	Disconnected	testdevice6	Device	Nov 12, 2022 9:58 PM

Identity Device Information Recent Events State Logs

Device ID 12345

Device Type testdevice6

Date Added Nov 12, 2022 9:58 PM

Added By gokulnathvelayutham5@gmail.com

Connection Status Disconnected

Items per page 50 | 1-1 of 1 item

1 Simulation running

IoT-B2-2MAE (Evening Session) - x Service Details - IBM Cloud x IBM Watson IoT Platform x +

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IBM Watson IoT Platform

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Browse Action Device Types Interfaces

Add Device +

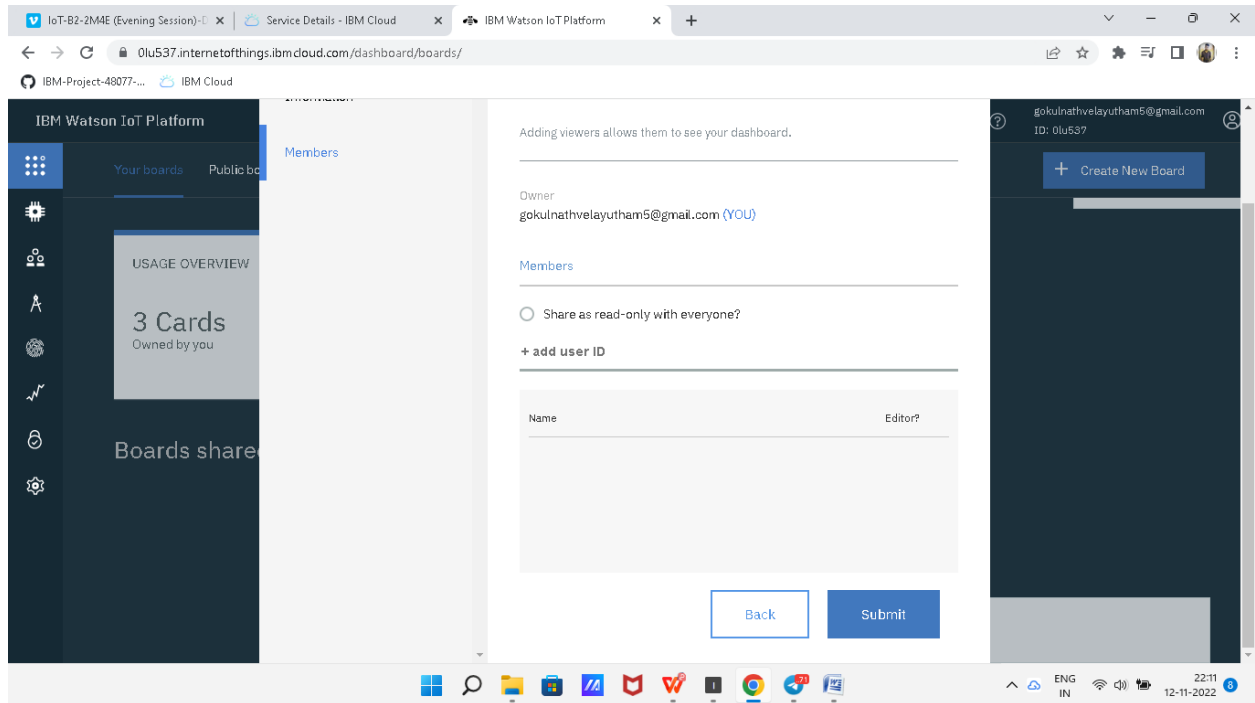
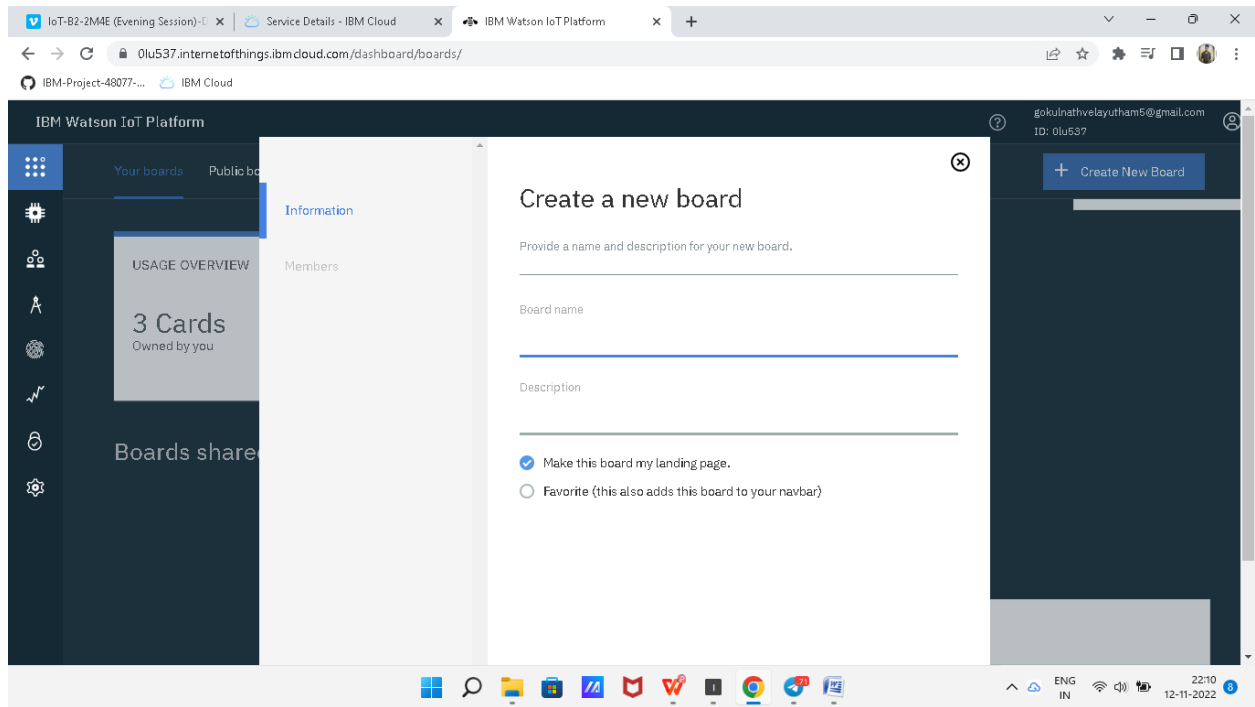
Identity Device Information Recent Events State Logs

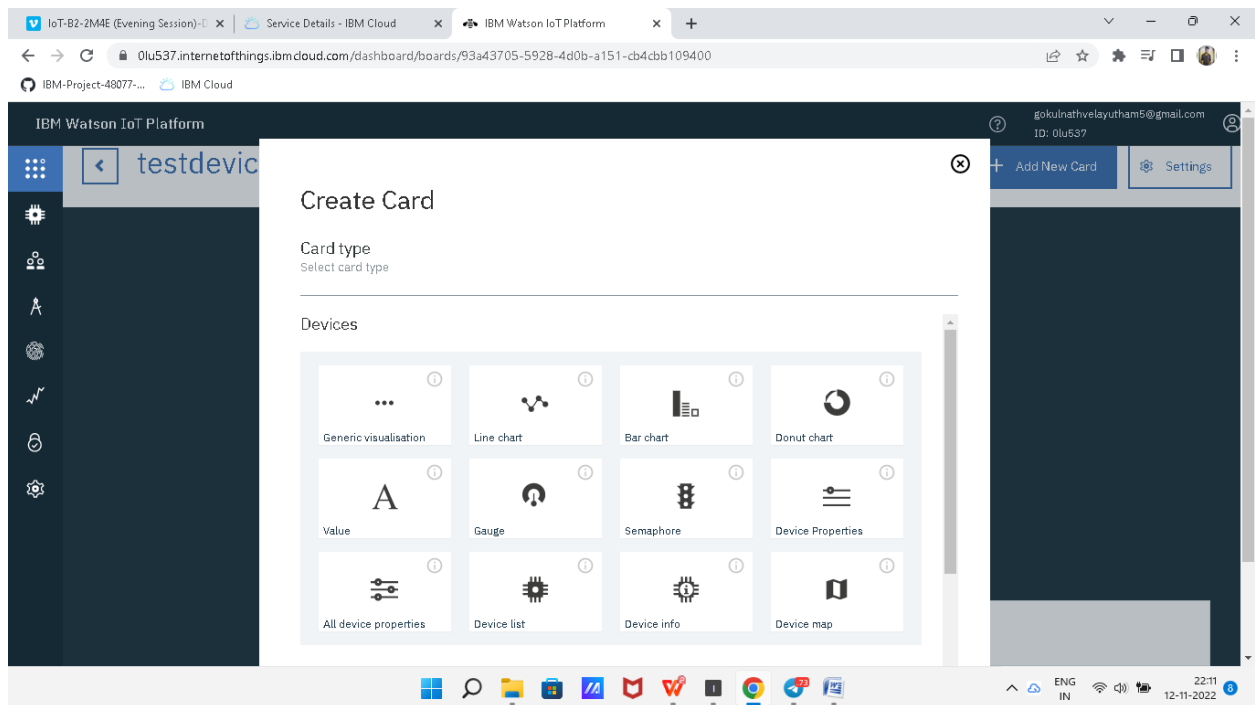
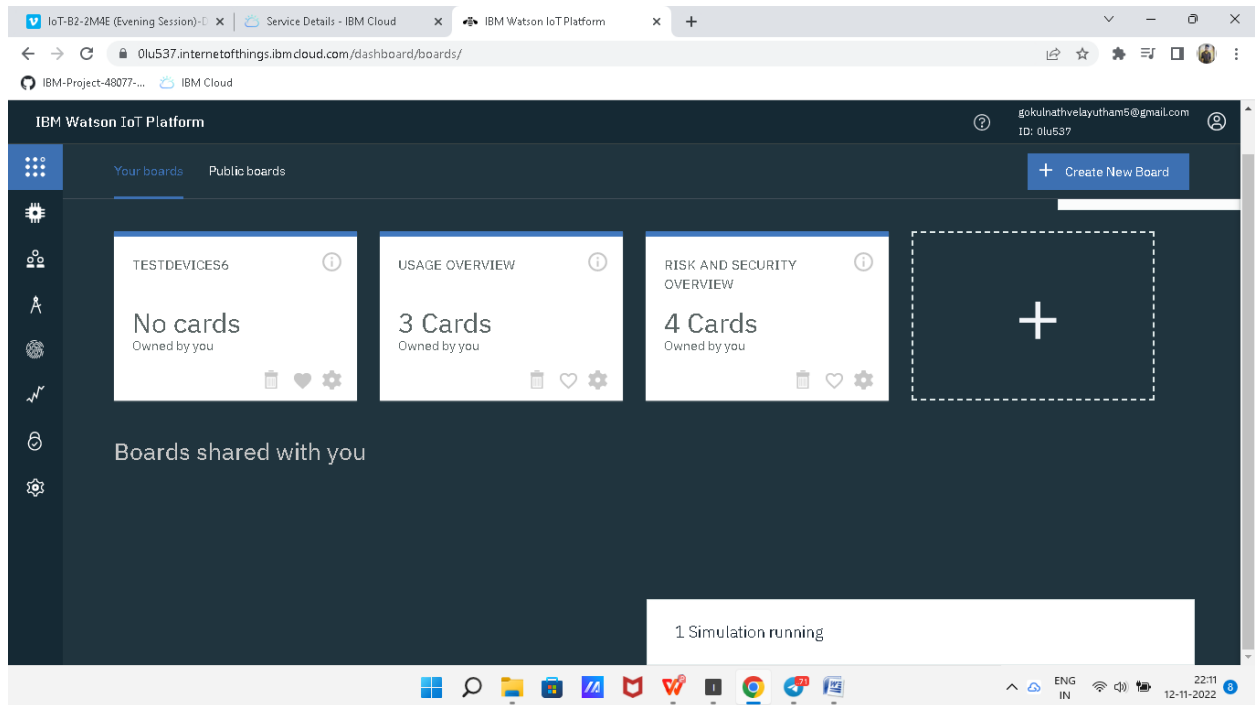
The recent events listed show the live stream of data that is coming and going from this device.

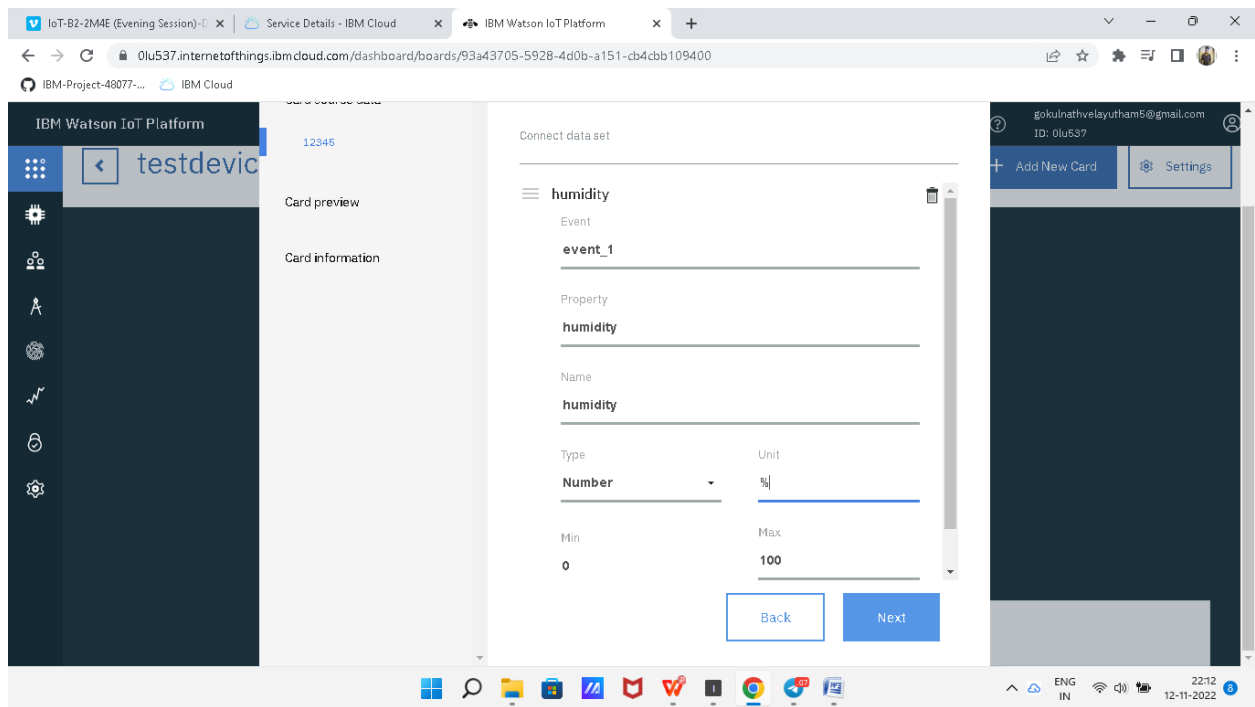
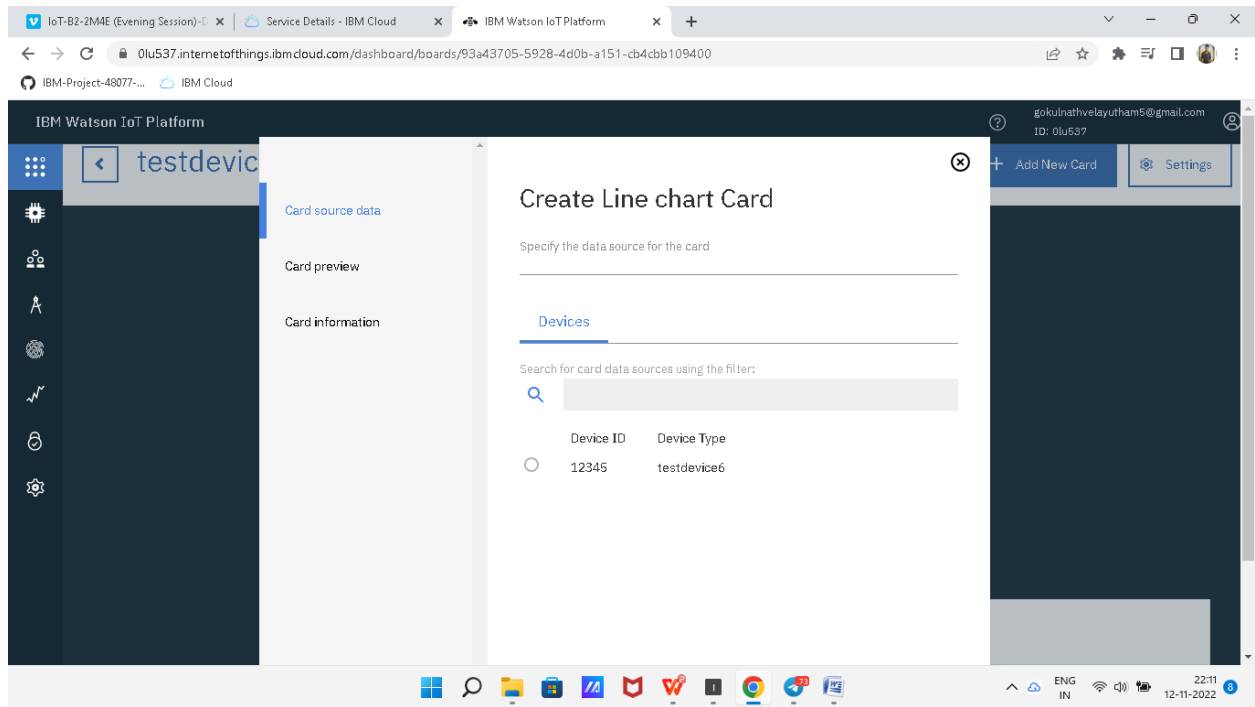
Event	Value	Format	Last Received
event_1	{"temperature":43,"humidity":69}	json	a few seconds ago
event_1	{"temperature":23,"humidity":20}	json	a few seconds ago
event_1	{"temperature":23,"humidity":91}	json	a few seconds ago
event_1	{"temperature":24,"humidity":97}	["temperature":24,"humidity":97] ds ago	

Items per page 50 | 1-1 of 1 item

1 Simulation running







IoT-B2-2MAE (Evening Session) - X Service Details - IBM Cloud X IBM Watson IoT Platform X

0lu537.internetofthings.ibmcloud.com/dashboard/boards/93a43705-5928-4d0b-a151-cb4cbb109400

IBM-Project-48077-... IBM Cloud

IBM Watson IoT Platform

testdevice

12345

Card preview

Card information

Select the card size and specify additional information

Settings S M L XL

Line chart

60 40 20 0

22:09 22:10 22:11 22:12 22:13

Subscribers

humidity

LOW

Back Next

gokulnathvelayutham5@gmail.com ID: 0lu537

Add New Card Settings

ENG IN 22:13 12-11-2022

IoT-B2-2MAE (Evening Session) - X Service Details - IBM Cloud X IBM Watson IoT Platform X

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IBM-Project-48077-... IBM Cloud

IBM Watson IoT Platform

testdevices6

Line chart

100 80 60 40 20 0

22:12:50 22:13 22:13:10 22:13:20 22:13:30 22:13:40

1 minute

humidity

now

Device Type: testdevice6

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(10, 50)
2   "humidity": random(0, 100)
3 }
4
```

Upload a CSV file

ENG IN 22:13 12-11-2022

IoT-B2-2M4E (Evening Session) x Service Details - IBM Cloud x IBM Watson IoT Platform x

0lu537.internetofthings.ibmcloud.com/dashboard/boards/93a43705-5928-4d0b-a151-cb4cbb109400

IBM-Project-48077-... IBM Cloud

IBM Watson IoT Platform

testdevice

Line chart

12345

Card source data

Card preview

Card information

Create Line chart Card

Connect data set

temperature

Event

event_1

Property

temperature

Name

temperature

Type

Number

Unit

°C

Min

0

Max

100

Back Next

gokulnathvelayutham5@gmail.com ID: 0lu537

Add New Card Settings

1 minute

22:13:40 22:14:10

ENG IN 22:14 12-11-2022

IoT-B2-2M4E (Evening Session) x Service Details - IBM Cloud x IBM Watson IoT Platform x

0lu537.internetofthings.ibmcloud.com/dashboard/boards/93a43705-5928-4d0b-a151-cb4cbb109400

IBM-Project-48077-... IBM Cloud

IBM Watson IoT Platform

testdevice

Line chart

12345

Card source data

Card preview

Card information

Create Gauge Card

Select the card size and specify additional information

Settings XS S M

Gauge

15.0 °C

Back Next

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Add New Card Settings

1 minute

22:14:10 22:14:40

ENG IN 22:15 12-11-2022

Download file | iLovePDF

IBM-Project-51286-1660977

create the ibm watson iot pl

Service Details - IBM Cloud

IBM Watson IoT Platform

0lu537.internetofthings.ibmcloud.com/dashboard/boards/93a43705-5928-4d0b-a151-cb4cbb109400

IBM-Project-48077-... IBM Cloud

IBM Watson IoT Platform

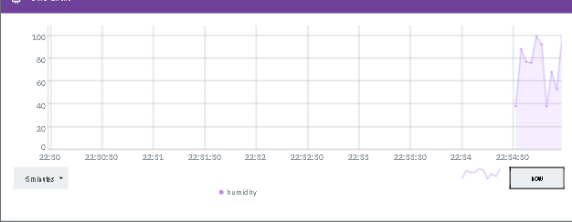
golu4arhodayacham5@gmail.com ID: 0lu537

testdevices6

+ Add New Card

Settings

Line 53.05

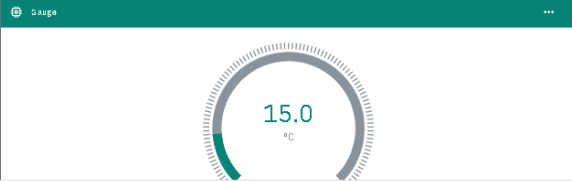


Subtitle

humidity

IBM

Gauge



15.0 °C

Device Type: testdevice6

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(10, 30)",
  "humidity": "random(0, 100)"
}
```

Upload a CSV file

What function can I apply?

Cancel Save

Create The IBM W....pdf

Show all



ENG IN 22:34 12-11-2022