

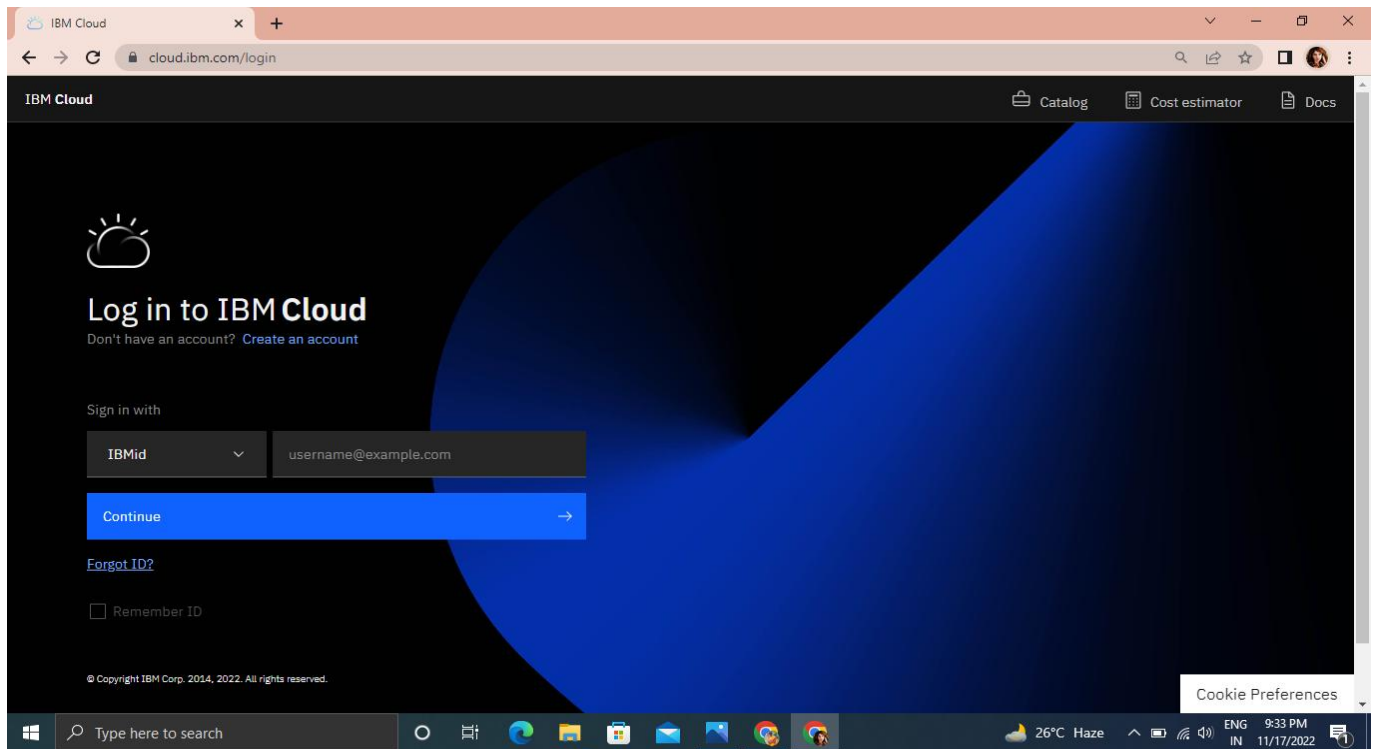
Create IBM Watson IoT Platform And Device

Date	31/10/2022
Student Name	ARUNPRIYA P
Student Roll Number	422419104008

AIM :

To create the IBM Watson IoT Platform and Device

STEPS :



Service Details - IBM Cloud

cloud.ibm.com/services/iotf-service/crn%3Av1%3Abluemix%3Apublic%3Aiotf-service%3Aeu-de%3Aa%2Fa6ae718274aee8e815a1cb8a60e3a%3A8400e37c-1631...

IBM Cloud

Search resources and products...

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Resource list /

Internet of Things Platform-yo

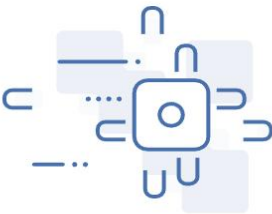
Active Add tags

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

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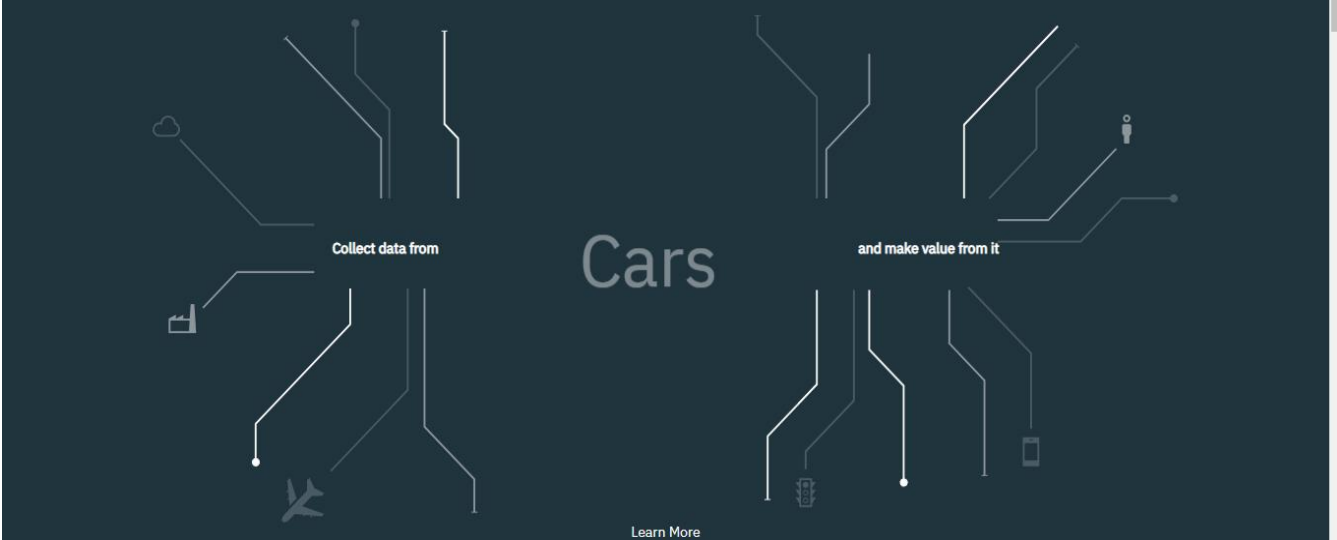
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IBM Watson IoT Platform

internetofthings.ibmcloud.com

IBM Watson IoT Platform

Sign in



Collect data from

Cars

and make value from it

Learn More

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IBMid

422419104008@smartinternz.com

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Password

.....

Forgot password?

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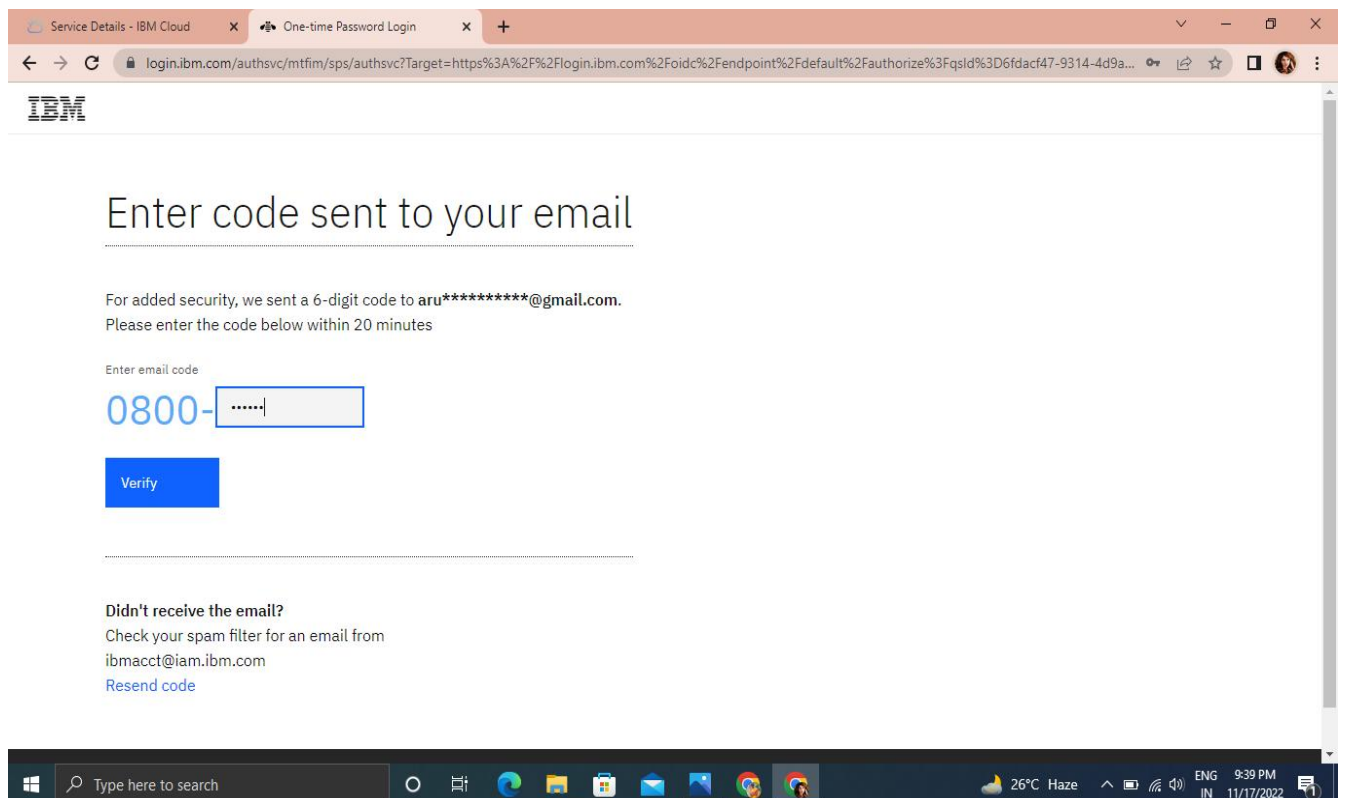
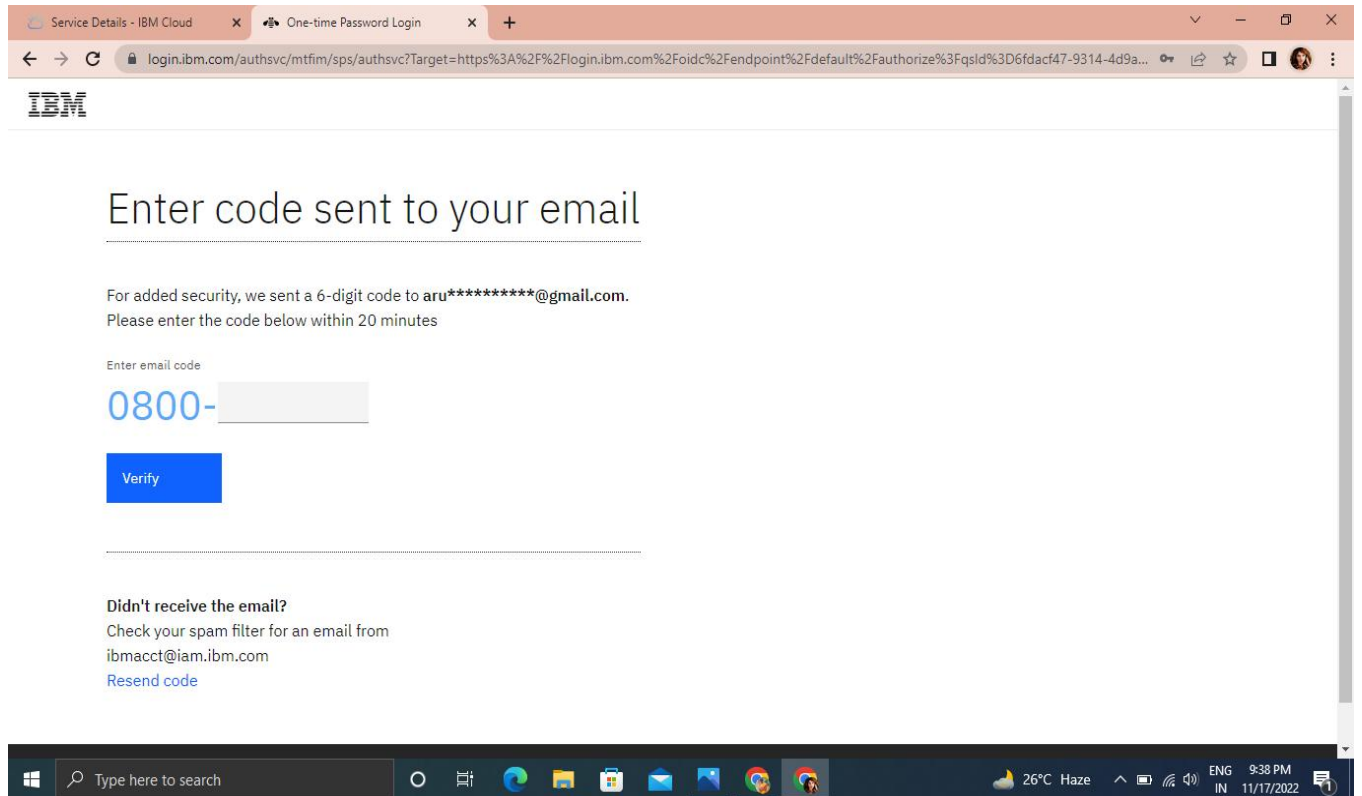
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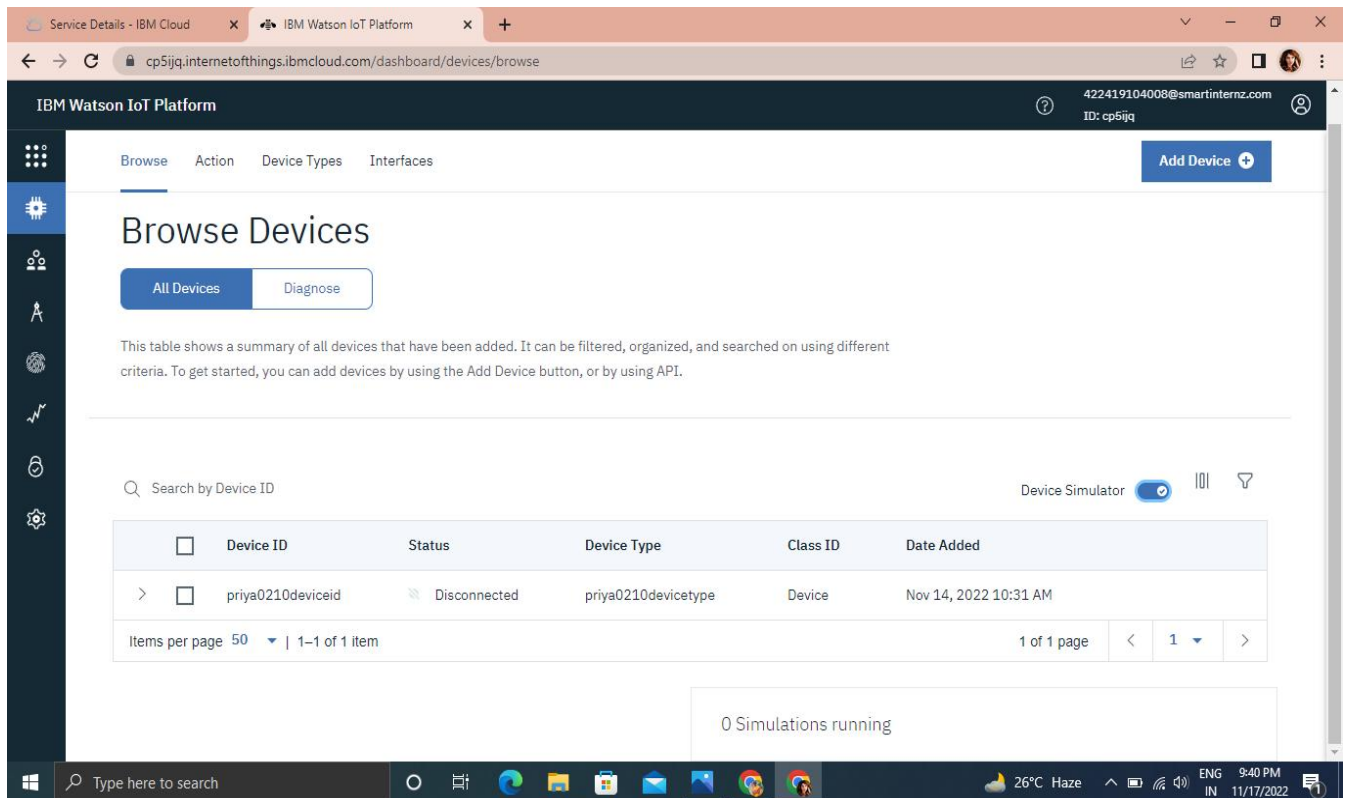
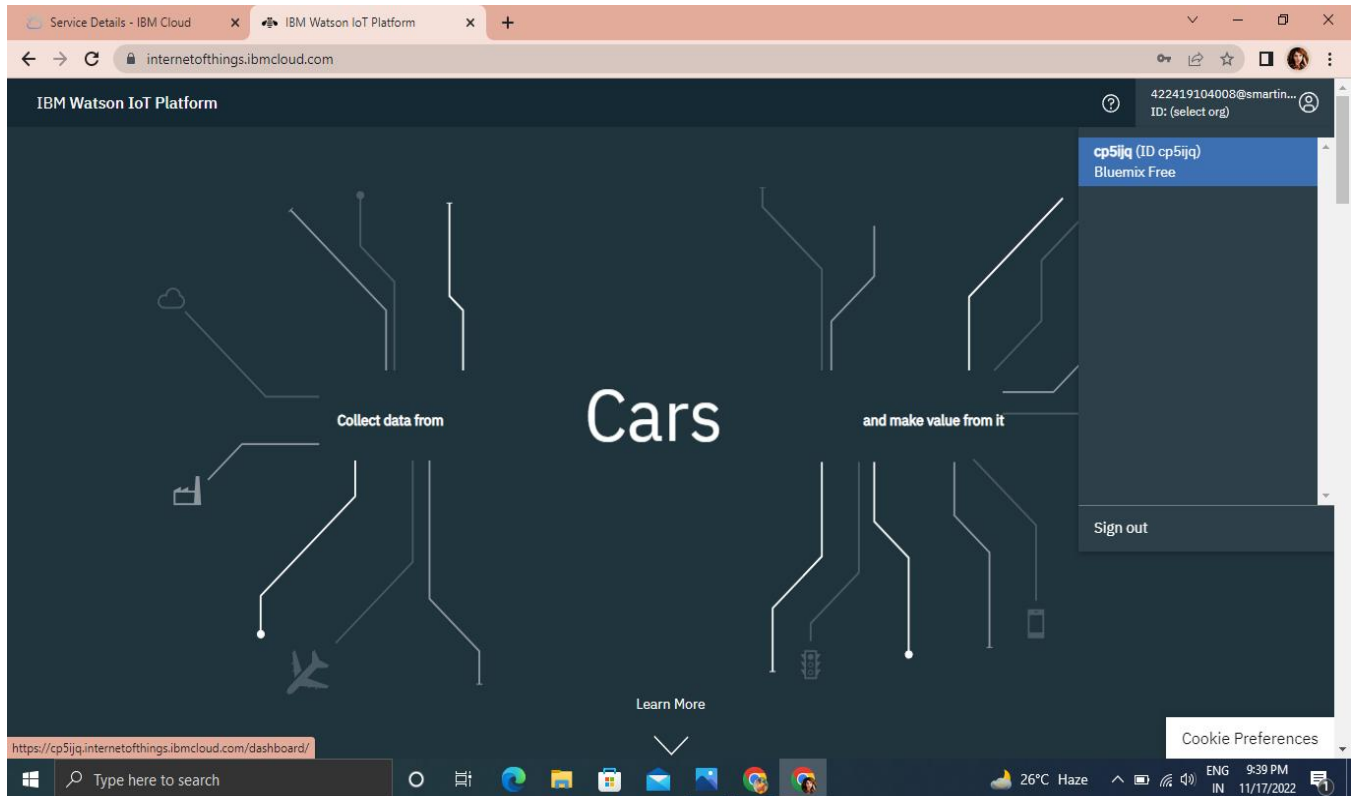
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IBM Watson IoT Platform

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, criteria. To get started, you can add devices by using the Add Device button, or by using API.

Search by Device ID

<input type="checkbox"/>	Device ID	Status	Device Type
> <input type="checkbox"/>	priya0210deviceid	Disconnected	priya0210device

Items per page 50 | 1-1 of 1 item

Simulations

Import/Export simulation

You can use the simulated event data to learn about, test, and demonstrate fully functioning Watson IoT Platform features. You can simulate a device and its data or simulate only data for a device that is already registered.

To create a device simulation:

1. Select a device type.
2. Configure the event and payload.
3. Add devices.

+ Create simulation

Type here to search

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IBM Watson IoT Platform

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> <input type="checkbox"/>	priya0210deviceid	Disconnected	priya0210device

Items per page 50 | 1-1 of 1 item

Device Type: priya0210devicetype

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?

Cancel Save

Type here to search

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Service Details - IBM Cloud x IBM Watson IoT Platform x +

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IBM Watson IoT Platform

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> priya0210deviceid	Disconnected	priya0210device

Items per page 50 | 1-1 of 1 item

Device Type: priya0210devicetype

Events 1 [New event type](#)

Event type name event_1 [Send](#) [Delete](#)

Schedule 20 Every Minute

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

[Upload a CSV file](#)

[What functions can I apply?](#)

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

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IBM Watson IoT Platform

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Device ID	Status	Device Type
> priya0210deviceid	Disconnected	priya0210device

Items per page 50 | 1-1 of 1 item

Device Type: priya0210devicetype

Events 1 [New event type](#)

Event type name event_1 [Send](#) [Delete](#)

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](#)

Type here to search

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Service Details - IBM Cloud

IBM Watson IoT Platform

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IBM Watson IoT Platform

Browse

Action

Device Types

Interfaces

Browse Devices

All Devices

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Search by Device ID

Device ID	Status	Device Type
> priya0210deviceid	Disconnected	priya0210deviceid

Items per page 50 | 1-1 of 1 item

Simulations

Import/Export simulation

Device Type

priya0210devicetype

1 Event

No simulations are currently created for the device type.

1 x

Create Simulated Device

Use Registered Device

0 event sent

0 bytes sent

Type here to search

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Service Details - IBM Cloud

IBM Watson IoT Platform

+

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IBM Watson IoT Platform

Browse

Action

Device Types

Interfaces

Browse Devices

All Devices

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Search by Device ID

Device ID	Status	Device Type
> priya0210deviceid	Disconnected	priya0210deviceid

Items per page 50 | 1-1 of 1 item

Simulations

Import/Export simulation

Device Type

priya0210devicetype

1 Event

1 Device

priya0210deviceid

1 x

Create Simulated Device

Use Registered Device

1 event sent

38 bytes sent

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cp5ijq.internetofthings.ibmcloud.com/dashboard/devices/browse

IBM Watson IoT Platform 422419104008@smartinternz.com ID: cp5ijq

Browse Action Device Types Interfaces Add Device +

Search by Device ID Device Simulator 101

Device ID	Status	Device Type	Class ID	Date Added
priya0210deviceid	Disconnected	priya0210devicetype	Device	Nov 14, 2022 10:31 AM

Identity Device Information Recent Events State Logs

Device ID priya0210deviceid

Device Type priya0210devicetype

Date Added Nov 14, 2022 10:31 AM

Added By 422419104008@smartinternz.com

Connection Status Disconnected

Items per page 50 | 1-1 of 1 item

1 Simulation running

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IBM Watson IoT Platform 422419104008@smartinternz.com ID: cp5ijq

Browse Action Device Types Interfaces Add Device +

Search by Device ID Device Simulator 101

Device ID	Status	Device Type	Class ID	Date Added
priya0210deviceid	Disconnected	priya0210devicetype	Device	Nov 14, 2022 10:31 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":78,"Humidity":99}	json	a few seconds ago
event_1	{"Temperature":58,"Humidity":60}	json	a few seconds ago
event_1	{"Temperature":71,"Humidity":92}	json	a few seconds ago
event_1	{"Temperature":7,"Humidity":24}	json	a few seconds ago
event_1	{"Temperature":43,"Humidity":28}	json	a few seconds ago

1 Simulation running

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RESULT

An IBM Watson Cloud for IoT and a Device is Created