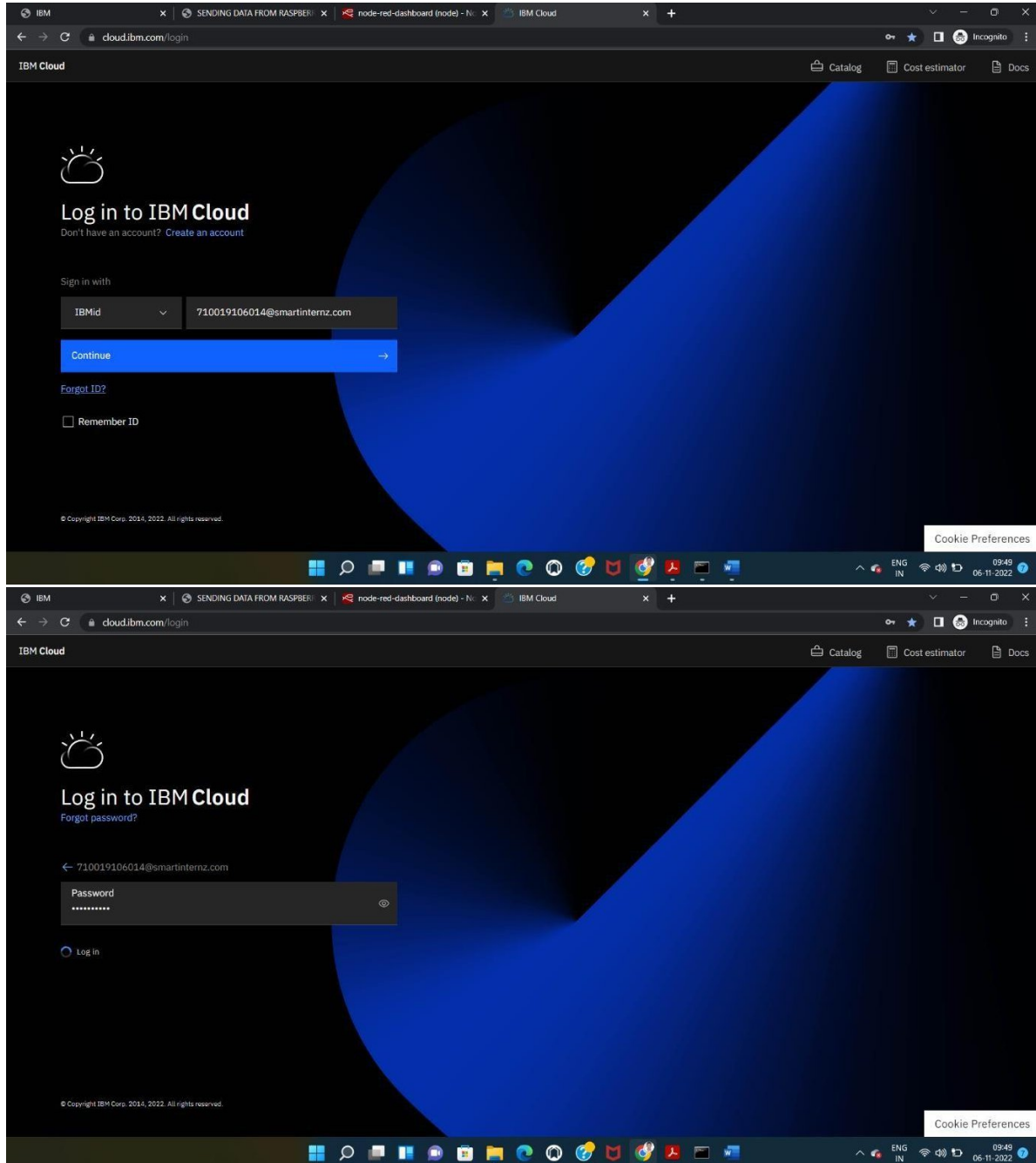
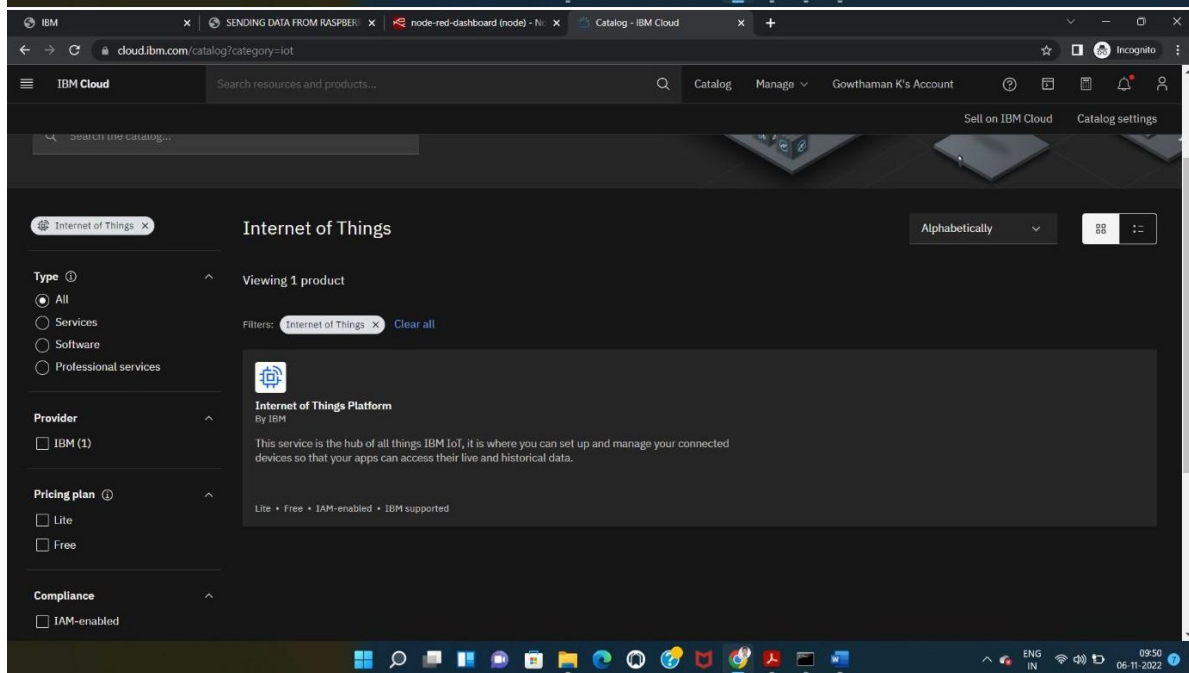
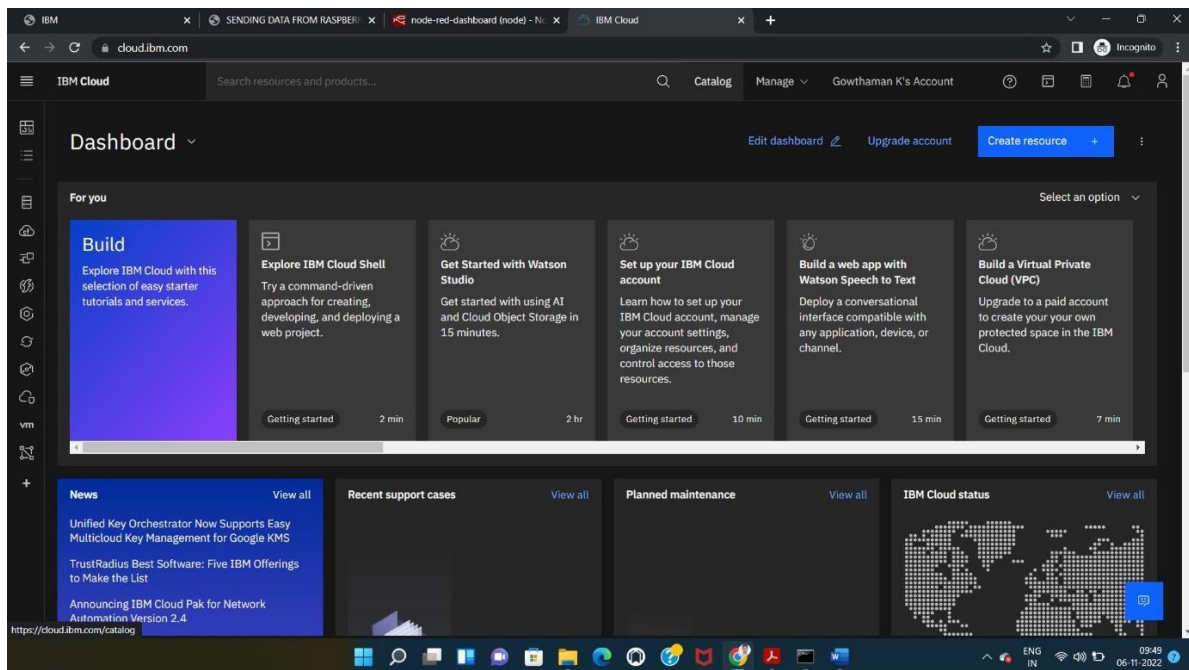


IBM WATSON

TEAM ID: PNT2022TMID35068





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Internet of Things Platform

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.

Create

About

Type
Service

Provider
IBM

Last updated
08/15/2022

Category
Internet of Things

Compliance
IAM-enabled

Location
Frankfurt
London
Dallas
Washington DC

Related links
[Docs](#)
[Terms](#)

Select a location

London (eu-gb)

Select a pricing plan

Displayed prices do not include tax. Monthly prices shown are for country or location: [United States](#)

Plan	Features	Pricing
Lite	<p>Includes up to 500 registered devices, and a maximum of 200 MB of each data metric</p> <p>Maximum of 500 registered devices</p> <p>Maximum of 500 application bindings</p> <p>Maximum of 200 MB of each of data exchanged, data analyzed and edge data analyzed</p>	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.

Summary

Internet of Things Platform **Free**

Location: London

Plan: Lite

Service name: Internet of Things Platform-8m

Resource group: Default

☒ I have read and agree to the following license agreements:
[Terms](#)

Create

Add to estimate

IBM

SENDING DATA FROM RASPB...

node-red-dashboard (node) - N...

Internet of Things Platform - IBM

+

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

ENG IN

09:50

06-11-2022

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Internet of Things Platform-uf 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

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

SENDING DATA FROM RASPB...

node-red-dashboard (node) - N...

Service Details - IBM Cloud

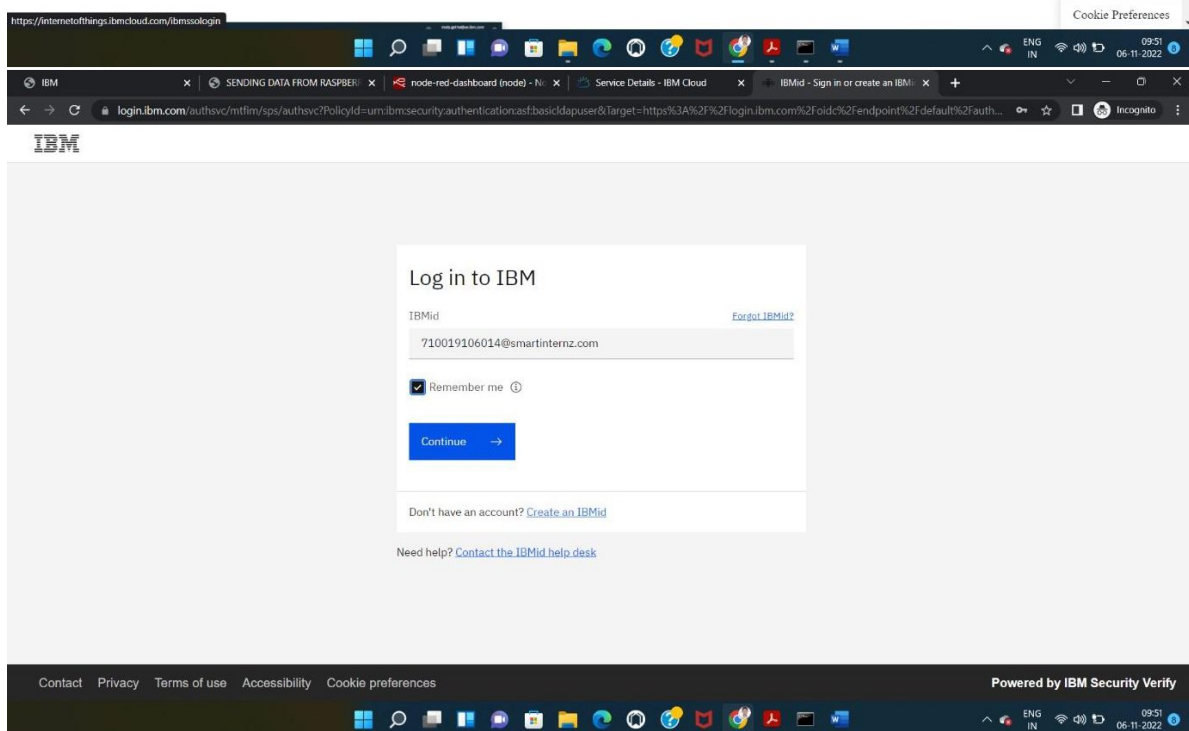
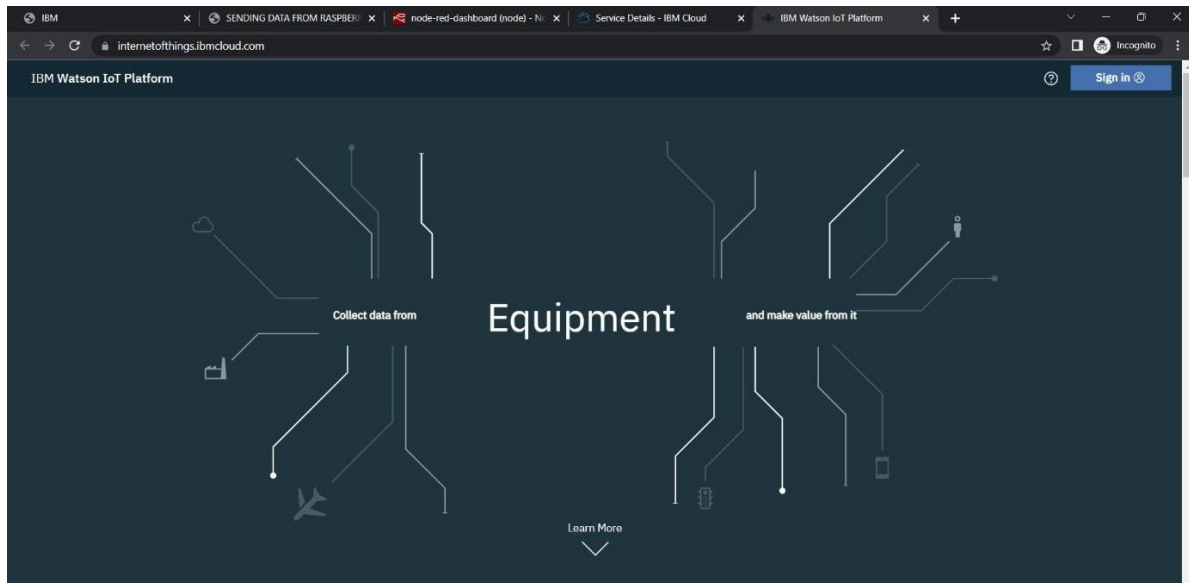
+

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ENG IN

09:50

06-11-2022





Log in to IBM

Logging in as 710019106014@smartinternz.com [Not you?](#)

Password

[Forgot password?](#)

☒ Remember me ⓘ

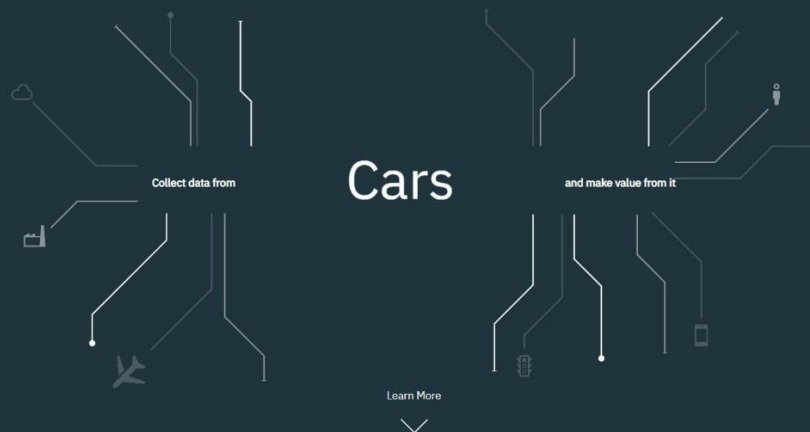
Please wait

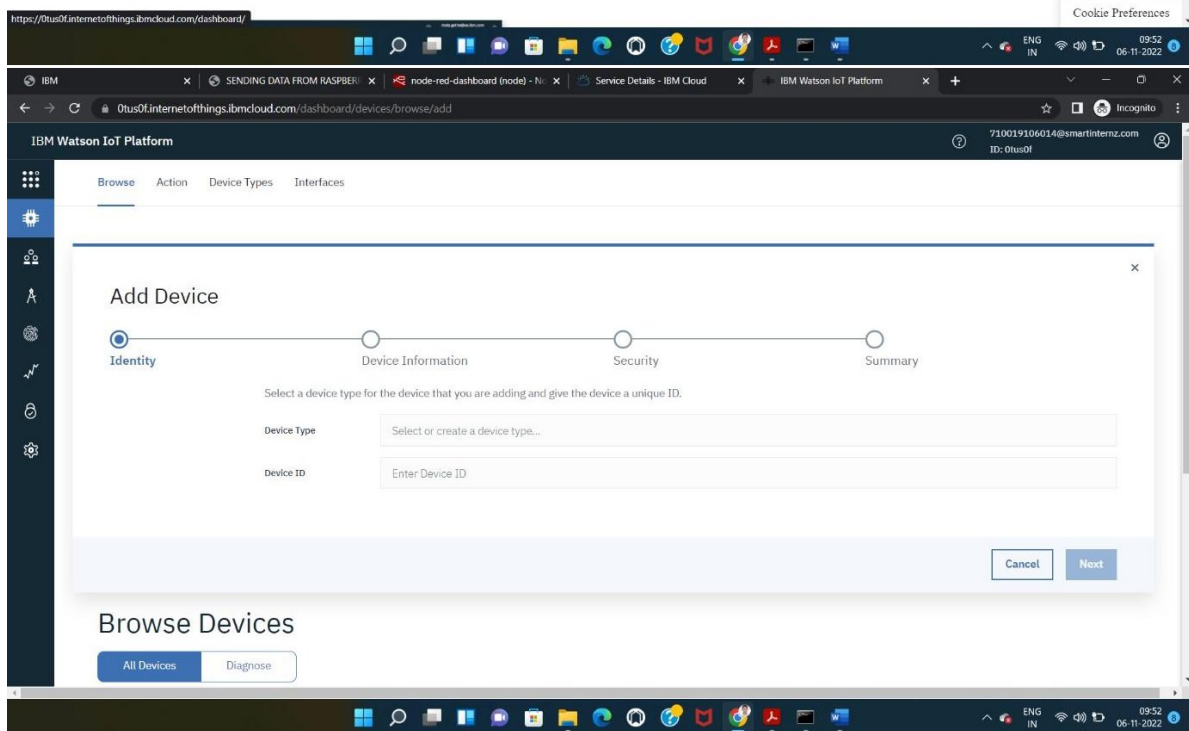
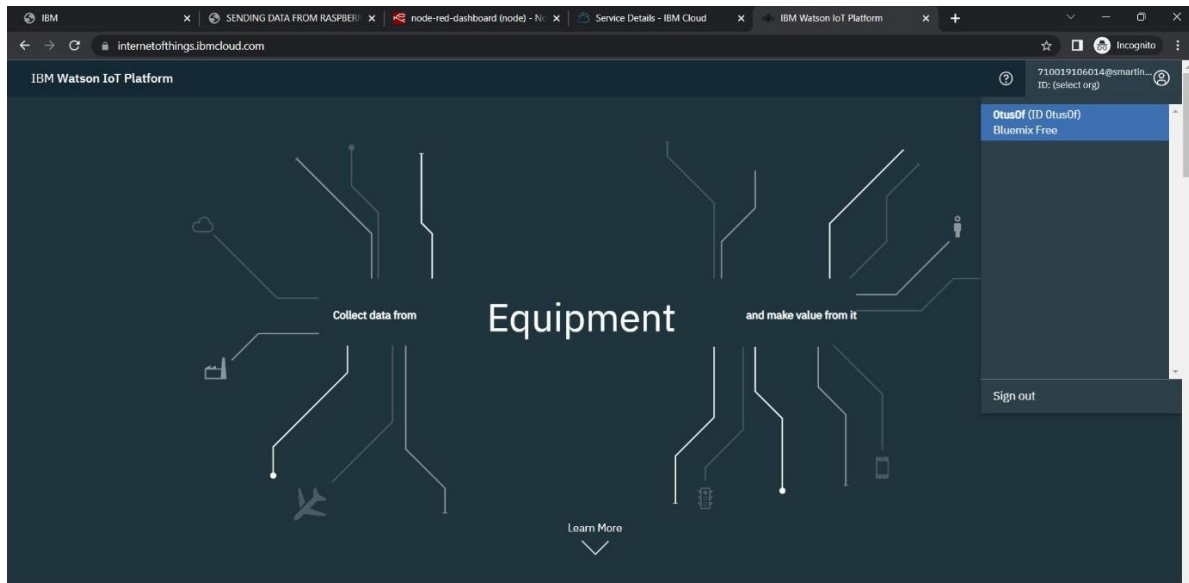
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Need help? [Contact the IBMId help desk](#)

IBM Watson IoT Platform

710019106014@smartinternz.com
ID: (select org)





IBM Watson IoT Platform

← Back

Device Drilldown - 01

Device Credentials

- Connection Information
- Recent Events
- State
- Device Information
- Metadata
- Diagnostics
- Connection Logs
- Device Actions

Device Credentials

You registered your device to the organization. Add these credentials to the device to connect it to the platform. After the device is connected, you can navigate to view connection and event details.

Organization ID	OtusOf
Device Type	ESP32
Device ID	01
Authentication Method	use-token-auth
Authentication Token	Gowth@m@nk18

⚠ Authentication tokens are non-recoverable. If you misplace this token, you will need to re-register the device to generate a new authentication token.

[Find out how to add these credentials to your device](#)

IBM Watson IoT Platform

General Settings

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


PLATFORM

- About
- Identity
- Experimental Features
- Last Event Cache
- Client Connection
- State API

DATA AND DEVICES

- Custom Device Management Packages**
- Device Simulator

SECURITY



You currently have no custom device management packages

[Add a \(JSON format\) package](#)

Device Simulator

Simulate devices and device data to get up and running quickly on Watson IoT Platform. For more details see the [documentation](#).

Activate Device Simulator ☐

Connection Security

You can use the Connection Security Policy to configure the security level for device connection.

[Open Connection Security Policy](#)

IBM Watson IoT Platform

General Settings

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 - Experimental Features
 - Last Event Cache
 - Client Connection State API
- DATA AND DEVICES
 - Custom Device Management Packages
 - Device Simulator
- SECURITY

You currently have no devices. Add a device.

Device Simulator

Simulate devices and device data to get up and running quickly on Watson IoT Platform

Activate Device Simulator ☒

Connection Security

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

[Open Connection Security Policy](#)

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](#)

IBM Watson IoT Platform

General Settings

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- SECURITY

You currently have no devices. Add a device.

Device Simulator

Simulate devices and device data to get up and running quickly on Watson IoT Platform

Activate Device Simulator ☒

Connection Security

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

[Open Connection Security Policy](#)

Device Type: ESP32

[New event type](#)

Events: 1

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

Schedule:

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](#)

IBM Watson IoT Platform

Browse Action Device Types Interfaces

710019106014@smartinternz.com ID: OtusOf

Add Device

Search by Device ID

Device Simulator

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
01	Disconnected	ESP32	Device	Nov 6, 2022 9:53 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	{"randomNumber":56}	json	a few seconds ago
event_1	{"randomNumber":10}	json	a few seconds ago
event_1	{"randomNumber":34}	json	a few seconds ago

1 Simulation running

IBM Watson IoT Platform

TestBoard

Card source data

Card preview

Card information

Create Line chart Card

Connect data set

randomNumber

Event

event_1

Property

randomNumber

Name

randomNumber

Type

Number

Unit

%

Min

0

Max

100

Back Next

