

# CREATING THE IBM WATSON IOT PLATFORM AND DEVICE

TEAM ID	PNT2022TMID02509
PROJECT NAME	GAS LEAKAGE MONITORING AND ALERTING SYSTEM

The image displays two screenshots of the IBM Cloud ecosystem. The top screenshot shows the IBM Cloud dashboard at cloud.ibm.com, featuring a sidebar with navigation icons and a main area with a 'For you' section containing five cards: 'Build', 'Build a web app with Watson Speech to Text', 'Get Started with Watson Studio', 'IBM Watson Knowledge Catalog', and 'Build a Virtual Private Cloud (VPC)'. Below these are sections for 'User access', 'News', and 'Planned maintenance'. The bottom screenshot shows the IBM Watson IoT Platform interface at internetofthings.ibmcloud.com. It features a dark theme with a central 'Cars' title and a diagram illustrating the process of 'Collect data from' and 'and make value from it'. The interface includes a top navigation bar with a user profile and a 'Cookie Preferences' button at the bottom right.

IBM Watson IoT Platform

2116190801129@smartinternz.com  
ID: 7lqplu

Browse Action Device Types Interfaces

## Add Device

Identity Device Information Security Summary

Verify that the following information is correct then select Finish

Device Type  
testdevicetype

Device ID  
12345

[View Metadata](#)

Security Token  
To be generated

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← Back

## Device Drilldown - 12345

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	7lqplu
Device Type	testdevicetype
Device ID	12345
Authentication Method	use-token-auth
Authentication Token	x&EvAM03UBAm+@3zs!

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

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## General Settings

Here you can see and modify global organization information and locally enable ex...

Last Event Cache

Client Connection State API

**DATA AND DEVICES**

Custom Device Management Packages

**Device Simulator**

**SECURITY**

Connection Security

Activate Device Simulator

Connection Security

You can use the Connection Security Policy to...

[Open Connection Security Policy](#)

CA Certificates

Upload a CA certificate which is used to...

[What functions can I apply?](#)

Device Type: 12345

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](#)

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[Add Device](#)

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[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":16,"humidity":36}	json	a few seconds ago
event_1	{"temperature":51,"humidity":93}	json	a few seconds ago
event_1	{"temperature":73,"humidity":82}	json	a few seconds ago
event_1	{"temperature":61,"humidity":39}	json	a few seconds ago
event_1	{"temperature":41,"humidity":60}	json	a few seconds ago

1 Simulation running

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BOARD\_TEST

+ Add New Card

Settings

Line chart

80  
60  
40  
20  
0

11:25

temperature

Gauge

75.0  
°C

1 Simulation running

26°C  
Mostly sunny

Search

jp-tok.assistant.watson.cloud.ibm.com/crm%3Av1%3Abluemix%3Apublic%3Aconversation%3Ajp-tok%3Aa%2F9d787f6a014b46ea9b71ee9b4370...

IBM Watson Assistant Lite Upgrade RAHUL

Learning center

Home

- Explore your learning center  
Explore at your own pace, and mark as complete when you're ready
- Explore Watson Assistant features on interactive demo site  
2 min

Create a conversation

1 step left 5 min

66%

- Create your first action  
5 min
- Create steps  
5 min
- Add 5 examples  
5 min

11:40  
17-11-2022

IBM WATSON SUCCESSFULLY CREATED.