

## Publish Data to IBM Cloud

Team ID	PNT2022TMID04593
Project Name	Smart waste management system for metropolitan cities

Step 1: In the python script give the IBM credentials like org id, device type, etc. to connect to IBM cloud

Step2: Open your cloud account and open Watson platform

Step 3: In the specified Device Type mentioned in python script shows connected

Step 4: Then click on Recent Events and observe the Output data

## Screenshot:

The screenshot displays the IBM Watson IoT Platform interface. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. A search bar labeled 'Search by Device ID' is present. The main content area shows a list of devices, with one device 'BIN1ID' highlighted as 'Connected'. Below the device list, the 'Recent Events' tab is selected, showing a table of events.

Event	Value	Format	Last Received
IoTSensor	{"dist":64,"load":14}	json	a few seconds ago
IoTSensor	{"type":"Buffer","data":[34,97,108,101,114,116,...	json	a few seconds ago
IoTSensor	{"dist":36,"load":15}	json	a few seconds ago
IoTSensor	{"type":"Buffer","data":[34,97,108,101,114,116,...	json	a few seconds ago
IoTSensor	{"dist":55,"load":13}	json	a few seconds ago

IBM Watson IoT Platform

Browse

Action

Device Types

Interfaces

Device ID

Status

Device Type

>

12

Disconnected

ab

▼

123457

Connected

abcde

Identity

Device Information

Recent Events

State

The recent events listed show the live stream of data that is coming and going

Event	Value
IoTSensor	{"temp":95,"Humid":74}
IoTSensor	{"temp":109,"Humid":62}
event_1	{"randomNumber":72,"temp":93,"Humid":91}
IoTSensor	{"temp":98,"Humid":61}
event_1	{"randomNumber":50,"temp":104,"Humid":88}

Device Type: abcde

Events

1

New event type +

Event type name

event\_1

Send

Schedule

1

Every Minute

Payload

Specify the event payload in the editor window or by uploading a [CSV file](#).

0

{

1

"randomNumber":

random(0, 100),

2

"temp":

random(90,110),

3

"Humid":

random(60,100)

4

}

5

Upload a CSV file

Cancel

Save

IBM Watson IoT Platform

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ID: kmqq03

Browse

Action

Device Types

Interfaces

Add Device +

> 

12

Disconnected

ab

Device

Nov 20, 2022 8:29 AM

123457

Connected

abcde

Device

Nov 19, 2022 3:09 PM

→ ...

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
IoTSensor	{"temp":98,"Humid":82}	json	a few seconds ago
IoTSensor	{"temp":95,"Humid":74}	json	a few seconds ago
IoTSensor	{"temp":109,"Humid":62}	json	a few seconds ago
event_1	{"randomNumber":72,"temp":93,"Humid":91}	json	a few seconds ago
IoTSensor	{"temp":98,"Humid":61}		

1 Simulation running