

## Publish Data to IBM Cloud

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|--------------|---|
| Team ID      | PNT2022TMID01873                                      |
| 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 shows the user's email (920219104302@smarinternz.com) and ID (4yi0wc). The left sidebar contains various icons for navigation. The main content area is titled "Device Drilldown - BIN1ID" and includes a "Back" button. The interface is divided into several sections:

- Recent Events:** A table showing the live stream of data from the device. The table has columns for Event, Value, Format, and Last Received.
- State:** A section showing a list of data points reported by the device. It includes a "Showing Raw Data" button and a table with columns for Property, Value, Type, Event, and Last Received.
- Device Information:** A section at the bottom providing basic device information, including location and manufacturer. An "Edit Device Information" button is available.

| Event     | Value  | Format | Last Received     |
|-----------|--|--------|-------------------|
| IoTSensor | {"dist":47,"load":12}                                | json   | a few seconds ago |
| IoTSensor | {"type":"Buffer","data":[34,97,108,101,114,116,...]} | json   | a few seconds ago |

| Property | Value | Type   | Event     | Last Received     |
|----------|-------|--------|-----------|-------------------|
| dist     | 47    | Number | IoTSensor | a few seconds ago |
| load     | 12    | Number | IoTSensor | a few seconds ago |