

Publish Data to IBM Cloud

Team ID	PNT2022TMID15698
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 platform name and user information. The left sidebar contains a menu with icons for various functions. The main content area is titled 'Device Drilldown - BIN1ID' and features a sidebar with options like Connection Information, Recent Events, State, Device Information, Groups, Metadata, Diagnostics, Connection Logs, and Device Actions. The 'Recent Events' section is active, showing a table of recent data points. Below it, the 'State' section displays a table of device properties. At the bottom, the 'Device Information' section provides basic details about the device.

IBM Watson IoT Platform

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Device Drilldown - BIN1ID

- Connection Information
- Recent Events**
- State
- Device Information
- Groups beta
- Metadata
- Diagnostics
- Connection Logs
- Device Actions

Recent Events

The recent events listed show the live stream of data that is coming and going from this device.

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

State

This table shows a list of data points that are reported by this device.

⚡ Showing Raw Data | No Interfaces Available

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

Device Information

View basic device information including location and manufacturer.

Edit Device Information [↗](#)