

# IBM Watson IoT platform

TEAM ID	PNT2022TMID29903
PROJECT NAME	Smart Waste Management For Metropolitan cities

The screenshot shows the IBM Watson IoT Platform dashboard. The main heading is "Browse Devices". Below it, there are two buttons: "All Devices" and "Diagnose". A text block states: "This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using different criteria. To get started, you can add devices by using the Add Device button, or by using API." Below this is a search bar labeled "Search by Device ID". To the right of the search bar is a "Device Simulator" toggle switch, which is currently turned on. Below the search bar is a table with the following columns: Device ID, Status, Device Type, Class ID, Date Added, Descriptive Location, and Added By. The table contains one row with the following data: Device ID: SWMC1, Status: Disconnected, Device Type: SWMC, Class ID: Device, Date Added: Nov 16, 2022 3:30 PM, Descriptive Location: (empty), and Added By: harisudhane017.ece@dgct.ac.in. Below the table, there is a pagination bar showing "Items per page 50" and "1 of 1 item". At the bottom of the dashboard, there is a status bar that says "1 Simulation running".

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location	Added By
SWMC1	Disconnected	SWMC	Device	Nov 16, 2022 3:30 PM		harisudhane017.ece@dgct.ac.in

Node Red x Python scri x python scri x Inbox (9,6... x IBM-Proje x IBM-Proje x Service D... x IBM Wati... x Node-RED x +

6hggv0.internetofthings.ibmcloud.com/dashboard/devices/drilldown/SWMC:SWMC1?returnTo=/devices/browse

IBM Watson IoT Platform

harsudhane017.ace@dgct.ac.in ID: 6hggv0

← Back

### Device Drilldown - SWMC1

Connection Information

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
event_1	{"temperature":76,"humidity":49}	json	a few seconds ago
event_1	{"temperature":55,"humidity":23}	json	a few seconds ago
event_1	{"temperature":76,"humidity":91}	json	a few seconds ago
event_1	{"temperature":36,"humidity":54}	json	a few seconds ago
event_1	{"temperature":3,"humidity":48}	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
			1 Simulation running

Type here to search

19-11-2022 15:21

Node Red x Python scri x python scri x Inbox (9,6... x IBM-Proje x IBM-Proje x Service D... x IBM Wati... x Node-RED x +

6hggv0.internetofthings.ibmcloud.com/dashboard/devices/drilldown/SWMC:SWMC1?returnTo=/devices/browse

IBM Watson IoT Platform

harsudhane017.ace@dgct.ac.in ID: 6hggv0

← Back

### Device Drilldown - SWMC1

Connection Information

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
event_1	{"temperature":31,"humidity":44}	json	a few second
event_1	{"temperature":74,"humidity":13}	json	a few second
event_1	{"temperature":8,"humidity":39}	json	a few second
event_1	{"temperature":57,"humidity":20}	json	a few second
event_1	{"temperature":71,"humidity":66}	json	a few second

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

Device Type: SWMC

Events 1

New event type

Event type name event\_1 Send

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 }
3
```

Upload a CSV file

What functions can I apply?

Cancel Save

Type here to search

19-11-2022 15:21