

PUBLISH THE DATA TO THE IBM CLOUD

DATE	17– NOVEMBER-2022
TEAM ID	PNT2022TMID24018
PROJECT NAME	SIGNS WITH SMART CONNECTIVITY FOR BETTER ROAD SAFETY

REQUIREMENT:

To publish the data to IBM CLOUD from the python script has been showed below :

(we can see connected symbol which I have configured through my python code)

The screenshot displays the 'Browse Devices' interface in the IBM Cloud IoT Platform. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. A sidebar on the left contains various icons. The main content area shows a table of devices. The first device, '12345', is marked as 'Connected' with a green dot. The second device, 'dhasarathi', is marked as 'Disconnected' with a grey dot. The 'Device Simulator' toggle is set to 'On'. At the bottom, a status bar indicates '2 Simulations running'.

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
12345	Connected	testdevicetype	Device	Nov 5, 2022 3:15 PM	
dhasarathi	Disconnected	ESP32	Device	Nov 6, 2022 10:41 PM	

DATA COLLECTED THROUGH THE IBM CLOUD :

The screenshot displays the IBM Cloud IoT Platform interface. A modal window titled "Event Payload" is open, showing details for event 12345 received on Nov 14, 2022 at 9:57 AM. The payload is a JSON object with the following structure:

```
1 {
2   "temperature": 27.99,
3   "TemperatureRecommendation": "Temperature is ideal",
4   "humidity": 89,
5   "WeatherCondition": "Mist",
6   "SpeedRecommendation": "3000 RPM and switch on the headlight",
7   "DescriptionOfWeather": "Mist",
8   "visibility": 4000,
9   "RecommendationFor(visibility)": "visibility range is ideal for vehicles",
10  "WindSpeed": 2.06
11 }
```

The background interface shows a table of recent events for device 12345, with columns for Event and Value. The table lists five events, all with the value ("temperature": 27.99). The status of the device is "Connected".

2 Simulations running

The screenshot displays the IBM Cloud IoT Platform interface. A modal window titled "Event Payload" is open, showing details for event 12345 received on Nov 14, 2022 at 9:58 AM. The payload is a JSON object with the following structure:

```
1 {
2   "CAUTION": "CHECK REASON REPAIRS SPEED LIMIT 8000 RPM"
3 }
```

The background interface shows a table of recent events for device 12345, with columns for Field and Value. The table lists five events, all with the value ("temperature": 27.99). The status of the device is "Connected".

2 Simulations running