

PUBLISH DATA TO THE IBM CLOUD

Date	09 November 2022
Team ID	PNT2022TMID21140
Project Name	Smart waste management system for metropolitan cities
Maximum Marks	8 Marks

Publish Data to IBM Cloud :

The screenshot shows the IBM Watson IoT Platform interface. At the top, there are tabs for 'Browse', 'Action', 'Device Types', and 'Interfaces'. Below these is a header bar with 'Delete' and 'Add Device' buttons. The main content area displays a table of devices. The selected device is '1234', which is 'Disconnected'. Below the device list, there are tabs for 'Identity', 'Device Information', 'Recent Events', 'State', and 'Logs'. The 'Recent Events' tab is selected, showing a list of events. The events are as follows:

Event	Value	Format	Last Received
eventbatch11	{"randomNumber":96,"temp":36,"hum":92}	json	a few seconds ago
eventbatch11	{"randomNumber":12,"temp":39,"hum":91}	json	a minute ago
Data	{"Distance":84.95,"ALERT!":"Distance less than ...	json	2 minutes ago
Data	{"Distance":84.95,"ALERT!":"Distance less than ...	json	2 minutes ago
eventbatch11	{"randomNumber":27,"temp":28,"hum":84}	json	2 minutes ago

At the bottom right, a status bar indicates '1 Simulation running'.

The screenshot shows a Python 3.7.0 Shell window on the left and the IBM Watson IoT Platform dashboard on the right. The Python window displays a list of 20 lines of data, each containing 'Published Temperature' and 'Humidity' values followed by 'to IBM Watson'. The IoT Platform dashboard shows the same device '1234' now in a 'Connected' state. The 'Recent Events' tab is selected, showing a list of events. The events are as follows:

Event	Value	Last Received
IoTSensor	{"temp":86,"Humid":89}	
IoTSensor	{"temp":63,"Humid":76}	
IoTSensor	{"temp":65,"Humid":96}	
IoTSensor	{"temp":32,"Humid":84}	
IoTSensor	{"temp":73,"Humid":11}	

At the bottom right, a status bar indicates '1 Simulation running'.

