Python code :

|  |
| --- |
| import wiotp.sdk.device |
|  | import time |
|  | import random |
|  | myConfig = { |
|  | "identity": { |
|  | "orgId": "hj5fmy", |
|  | "typeId": "NodeMCU", |
|  | "deviceId":"12345" |
|  | }, |
|  | "auth": { |
|  | "token": "12345678" |
|  | } |
|  | } |
|  |  |
|  | def myCommandCallback(cmd): |
|  | print("Message received from IBM IoT Platform: %s" % cmd.data['command']) |
|  | m=cmd.data['command'] |
|  |  |
|  | client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None) |
|  | client.connect() |
|  |  |
|  | while True: |
|  | temp=random.randint(-20,125) |
|  | hum=random.randint(0,100) |
|  | myData={'temperature':temp, 'humidity':hum} |
|  | client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0, onPublish=None) |
|  | print("Published data Successfully: %s", myData) |
|  | client.commandCallback = myCommandCallback |
|  | time.sleep(2) |
|  | client.disconnect() |

Python output :

