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import wiotp.sdk.device
import time
import random

myConfig = {
    "identity": {
        "orgId": "mw7mjd",
        "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:
    hgas=0
    gas=random.randint(0,1)
    if(gas==1):
        hgas=random.randint(1,100)
    temp=random.randint(0,100)
    hum=random.randint(0,100)
    pre=random.randint(0,100)
    myData={'Gas':hgas, 'Temperature':temp, 'Humidity':hum, 'Pressure':pre }
    client.publishEvent(eventId="status", msgFormat="json",
        data=myData, qos=0, onPublish=None)

```

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print("Published data Successfully: %s", myData)
client.commandCallback = myCommandCallback
time.sleep(5)
client.disconnect()
```