PYTHONCODETOPUBLISHDATATOIBMCL OUD

Date	15NOVEMBER2022
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ProjectName	GASLEAKAGEMONITORINGANDALERTINGSYSTEMFORINDUSTRIES

```python
#IBM Watson

IOTPlatform #pip

installwiotp-sdk

importwiotp.sdk.de

viceimport

timeimportrandom

myConfig

    = {

    "identity

    ": {

        "orgId":

        "v2g696","typeId":

        "sairaj","device

        Id":"12345"

    },

    "auth": {

        "token": "123456789 "

    }

}
def myCommandCallback(cmd):

    print("MessagereceivedfromIBMIoTPlatform:%s"%cmd.

    data['command']) m=cmd.data['command']
```

```
    client
=wiotp.sdk.device.DeviceClient(config=myConfi
g,logHandlers=None)client.connect()

whileTrue:gas=random.randint(0,100)t
    emp=random.randint(0,1

    00)

    hum=random.randint(0,10

    0)

    pre=random.randint(0,100

    )

    myData={'HazardousGas':gas,'Temperature':temp,'Humidity':hum,'Pressure':pre}

    client.publishEvent(eventId="status",msgFormat="json",data=myData,

    qos=0, onPublish=None)

    print("PublisheddataSuccessfully:                    %s",

    myData)client.commandCallback=myCommandCal

    lbacktime.sleep(2)

client.disconnect()
```