

PYTHONCODETOPUBLISHDATATOIBMCL OUD

Date	18NOVEMBER2022
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ProjectName	GASLEAKAGEMONITORINGANDALERTINGSYSTEMFORINDUSTRIES

#IBM Watson

IOTPlatform #pip

installwiotp-sdk

importwiotp.sdk.de

viceimport

timeimportrandom

myConfig

= {

"identity

": {

"orgId":

"uyw6gl","typeId":

"sumanth123","de

vice

Id":"sumanth123"

},

"auth": {

"token": "EKMGEFWvAaKF7Cqbh?C "

}

}

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()

while True: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()

```