import wiotp.sdk.device

import time

import random

myConfig = {

"identity": {

"orgId": "178vg8",

"typeId": "IOTdevice",

"deviceId":"1001"

},

"auth": {

"token": "1234567890"

}

}

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()

T=24 #Threshold temperature

while True:

temp=random.randint(-20,125)

fs=random.randint(0,100)

myData={"d":{'temperature':temp, 'firesensor':fs}}

client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0, onPublish=None)

print("Published data Successfully: %s", myData)

if temp > T:

print("Switch on the AC")

else:

print("Switch off the AC")

client.commandCallback = myCommandCallback

time.sleep(2)

client.disconnect()