

```
import wiotp.sdk.device
import time
import random
myConfig = {
    "identity": {
        "orgId": "mquylm",
        "typeId": "pyscript",
        "deviceId": "script"
    },
    "auth": {
        "token": "_y-1?bs@3?8zM)&9&t"
    }
}

def myCommandCallback(cmd):
    print("Message received from IBM IoT Platform: %s" % cmd.data['command'])
    m=cmd.data['command']
    if (m=="LIGHT ON"):
        print("light are on")
    elif (m=="LIGHT OFF"):
        print("lights off ")
    else:
        print("something wrong")

client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
client.connect()

while True:
    phvalue=random.randint(0,14)
    temp=random.randint(-10,115)
    tur=random.randint(0,100)
    myData={'temperature':temp, 'Water turbidity':tur,'pH value':phvalue}
    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()
```



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Published data Successfully: %s {'temperature': 56, 'Water turbidity': 95, 'pH value': 5}
Published data Successfully: %s {'temperature': 102, 'Water turbidity': 46, 'pH value': 8}
Published data Successfully: %s {'temperature': 99, 'Water turbidity': 54, 'pH value': 11}
Published data Successfully: %s {'temperature': 24, 'Water turbidity': 10, 'pH value': 1}
Published data Successfully: %s {'temperature': 70, 'Water turbidity': 58, 'pH value': 13}
Published data Successfully: %s {'temperature': 62, 'Water turbidity': 36, 'pH value': 0}
Published data Successfully: %s {'temperature': 105, 'Water turbidity': 0, 'pH value': 12}
Published data Successfully: %s {'temperature': 38, 'Water turbidity': 24, 'pH value': 13}
Published data Successfully: %s {'temperature': 64, 'Water turbidity': 7, 'pH value': 6}
Published data Successfully: %s {'temperature': 2, 'Water turbidity': 52, 'pH value': 5}
Published data Successfully: %s {'temperature': 80, 'Water turbidity': 21, 'pH value': 12}
Published data Successfully: %s {'temperature': 16, 'Water turbidity': 30, 'pH value': 5}
Published data Successfully: %s {'temperature': 36, 'Water turbidity': 69, 'pH value': 0}
Published data Successfully: %s {'temperature': -10, 'Water turbidity': 96, 'pH value': 9}
Published data Successfully: %s {'temperature': 76, 'Water turbidity': 54, 'pH value': 0}
Published data Successfully: %s {'temperature': 51, 'Water turbidity': 17, 'pH value': 13}
Published data Successfully: %s {'temperature': -5, 'Water turbidity': 35, 'pH value': 2}
Published data Successfully: %s {'temperature': 55, 'Water turbidity': 14, 'pH value': 9}
Published data Successfully: %s {'temperature': 73, 'Water turbidity': 28, 'pH value': 5}
Published data Successfully: %s {'temperature': 90, 'Water turbidity': 21, 'pH value': 11}
Published data Successfully: %s {'temperature': 63, 'Water turbidity': 100, 'pH value': 14}
Published data Successfully: %s {'temperature': -6, 'Water turbidity': 15, 'pH value': 14}
Published data Successfully: %s {'temperature': 64, 'Water turbidity': 12, 'pH value': 3}
Published data Successfully: %s {'temperature': 60, 'Water turbidity': 93, 'pH value': 6}
Published data Successfully: %s {'temperature': 27, 'Water turbidity': 7, 'pH value': 7}
Published data Successfully: %s {'temperature': -2, 'Water turbidity': 99, 'pH value': 1}
Published data Successfully: %s {'temperature': 3, 'Water turbidity': 94, 'pH value': 13}
Published data Successfully: %s {'temperature': 43, 'Water turbidity': 78, 'pH value': 1}
Published data Successfully: %s {'temperature': 115, 'Water turbidity': 8, 'pH value': 13}
Published data Successfully: %s {'temperature': 114, 'Water turbidity': 95, 'pH value': 7}
Published data Successfully: %s {'temperature': 102, 'Water turbidity': 75, 'pH value': 5}
Published data Successfully: %s {'temperature': 98, 'Water turbidity': 5, 'pH value': 6}
Published data Successfully: %s {'temperature': 41, 'Water turbidity': 58, 'pH value': 9}
Published data Successfully: %s {'temperature': 68, 'Water turbidity': 49, 'pH value': 12}
Published data Successfully: %s {'temperature': -8, 'Water turbidity': 80, 'pH value': 0}
Published data Successfully: %s {'temperature': 84, 'Water turbidity': 64, 'pH value': 14}
Published data Successfully: %s {'temperature': 22, 'Water turbidity': 51, 'pH value': 11}

```