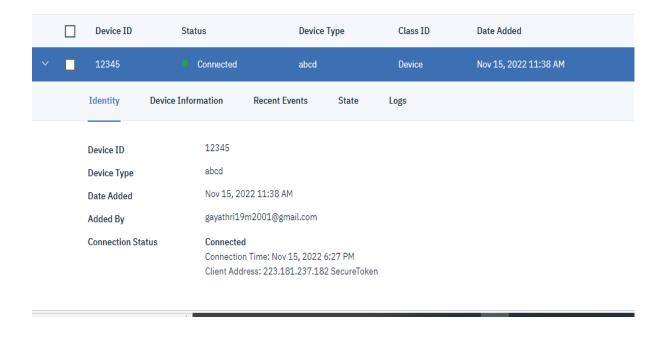
IBM IOT PUBLISH PYTHON

```
훩 python.py - C:/Users/HP/Desktop/python.py (3.7.0)
File Edit Format Run Options Window Help
#IBM Watson IOT Platform
#pip install wiotp-sdk
import wiotp.sdk.device
import time
import random
myConfig = {
    "identity": {
        "orgId": "s8ovlq",
        "typeId": "abcd"
        "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:
    temp=random.randint(-20,125)
    hum=random.randint(0,100)
    myData={'temperature':temp, 'humidity':hum}
    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()
```

OUTPUT

```
*Python 3.7.0 Shell*
                                                                              ×
File Edit Shell Debug Options Window Help
Python 3.7.0 (v3.7.0:lbf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD6 ^
Type "copyright", "credits" or "license()" for more information.
>>>
          ===== RESTART: C:/Users/HP/Desktop/python.py ====
2022-11-15 18:27:44,495
                          wiotp.sdk.device.client.DeviceClient INFO
                                                                            Connecte
d successfully: d:s8ovlq:abcd:12345Published data Successfully: %s
 {'temperature': 54, 'humidity': 51}
Published data Successfully: %s {'temperature': 34, 'humidity': 53}
Published data Successfully: %s {'temperature': 29, 'humidity': 53}
Published data Successfully: %s {'temperature': 102, 'humidity': 54}
Published data Successfully: %s {'temperature': -3, 'humidity': 62}
Published data Successfully: %s {'temperature': 85, 'humidity': 92}
Published data Successfully: %s {'temperature': 33, 'humidity': 7}
Published data Successfully: %s {'temperature': 20,
                                                       'humidity': 74}
Published data Successfully: %s {'temperature': -5, 'humidity': 5}
Published data Successfully: %s {'temperature': 112, 'humidity': 81}
Published data Successfully: %s {'temperature': 58, 'humidity': 5}
Published data Successfully: %s {'temperature': 53, 'humidity': 99}
Published data Successfully: %s {'temperature': 48, 'humidity': 40}
```

PUBLISHING DATA TO IOT



Identity Device Information Recent Events State Logs

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
status	{"temperature":100,"humidity":78}	json	a few seconds ago
status	{"temperature":37,"humidity":25}	json	a few seconds ago
status	{"temperature":61,"humidity":66}	json	a few seconds ago
status	{"temperature":6,"humidity":95}	json	a few seconds ago