

## DEVELOP A PYTHON SCRIPT

### Publish Data to the IBM Cloud

Date	05 SEPTEMBER 2022
Team ID	PNT2022TMID12332
Project Name	Signs with Smart Connectivity for better Road Safety.

#### Python code:

```
import
wiotp.sdk.device
import time
import
random
myConfig = {
    "identity": {
        "orgId": "qqfhmz",
        "typeId":
        "sprint_2",
        "deviceId": "sprint-
        2"
    },
    "auth": {
        "token": "9600601435"
    }
}

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(0,100)
    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()
```


Authentication tokens are non-recoverable. If you misplace this token, you will need to re-register the API key to generate a new authentication token.

### API Key Information

Description -

Role	Standard Application
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Expires	Never
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 Make a note of the generated authentication token. Lost authentication tokens cannot be recovered. If you lose the token, you must reregister the API to generate a new token.

Type the app description to search for

This table shows a summary of the API keys that have been added for the organization. It can be filtered, organized, and search on using different criteria. To get started, you can add API keys by clicking Generate API Key,