Python code:

import ibmiotf.application

import ibmiotf.device

import random

import json

import time

#Provide your IBM Watson Device Credentials

organization = "q41r9v"

deviceType = "iotdevice"

deviceId = "9381"

authMethod = "token"

authToken = "9381362443"

# Initialize the device client.

def myCommandCallback(cmd):

print("Command received: %s" % cmd.data['command'])

try:

deviceOptions = {"org": organization, "type": deviceType, "id": deviceId, "auth-method": authMethod, "auth-token": authToken}

deviceCli = ibmiotf.device.Client(deviceOptions)

#..............................................

except Exception as e:

print("Caught exception connecting device: %s" % str(e))

sys.exit()

# Connect and send a datapoint "hello" with value "world" into the cloud as an event of type "greeting" 10 times

deviceCli.connect()

while True:

time.sleep(1)

deviceCli.commandCallback = myCommandCallback

# Disconnect the device and application from the cloud

deviceCli.disconnect()