

SPRINT 3

TEAM ID :PNT2022TMID8144

IBM Watson IoT Platform x W PNT2022TMID31844 - Wokwi x (72) IoT Project - Sending S... x (no subject) - athulyaanu00... x New Tab x

wokwi.com/projects/347902799903720019

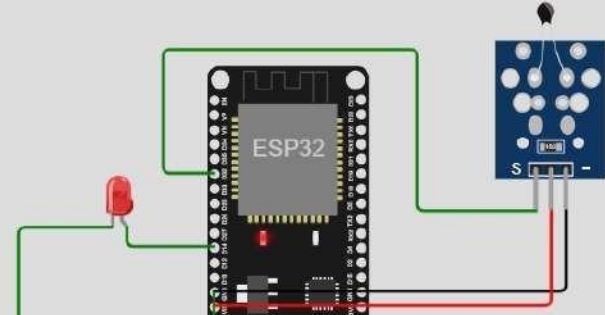
WOKWI SAVE SHARE PNT2022TMID31844 Docs

sketch.ino diagram.json libraries.txt Library Manager

```
1 #include <WiFi.h>
2 #include <PubSubClient.h>
3 #define temp_pin 15
4 void callback(char* subscribetopic,byte* payload, unsigned int payloadLength);
5 #define ORG "t2tj60"
6 #define DEVICE_TYPE "12345"
7 #define DEVICE_ID "esp32"
8 #define TOKEN "bF28OjKdFEHqU5!L62"
9 String data3;
10
11 char server[] = ORG ".messaging.internetofthings.ibmcloud.com";
12 char publishTopic[] = "iot-2/evt/Data/fmt/json";
13 char subscribeTopic[] = "iot-2/cmd/test/fmt/String";
14 char authMethod[] = "use-token-auth";
15 char token[] = TOKEN;
16 char clientId[] = "d:"ORG":"DEVICE_TYPE":"DEVICE_ID";
17
18 WiFiClient wifiClient;
19 PubSubClient client(server,1883,callback,wifiClient);
20
21
22
23 // should match the Beta Coefficient of the thermistor
24
25
26 void setup() {
27   Serial.begin(9600);
28   analogReadResolution(10);
29   pinMode(32,INPUT);
30   pinMode(14,OUTPUT);
31 }
```

Simulation

00:18.849 102%



publish ok
Temperature: 23.99 °C
Sending payload:{"temp":23.99}
publish ok
Temperature: 23.99 °C
Sending payload:{"temp":23.99}
publish ok

Type here to search

24°C Cloudy 09:59 12-11-2022 ENG

IBM Watson IoT Platform

PNT2022TMID31844 - Wok... (72) IoT Project - Sending Sr... (no subject) - athulyaanu004... New Tab

t2tj60.internetofthings.ibmcloud.com/dashboard/devices/browse

athulyaanu004@gmail.com ID: t2tj60

IBM Watson IoT Platform

Browse Action Device Types Interfaces

Add Device +

esp32 Connected 12345 Device Nov 12, 2022 9:08 AM

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
Data	{"temp":23.99}	json	a few seconds ago
Data	{"temp":23.99}	json	a few seconds ago
Data	{"temp":23.99}	json	a few seconds ago
Data	{"temp":23.99}	json	a few seconds ago
Data	{"temp":23.99}	json	a few seconds ago

0 Simulations running

Type here to search 24°C Cloudy 09:59 12-11-2022

IBM App Development

cloud.ibm.com/developer/appservice/apps/c27d5978-c224-4908-92f3-e011c130f03c

IBM Cloud

Search resources and products...

Catalog

Manage

Athulya A S's Account

Resource list / App details /

Node RED OIAJP 2022-11-12

Add tags

Details

App URL

You must deploy your app first

Source

Download code

Resource group

Default

Deployment target

You must deploy your app first

Created

11/12/2022

Services

Cloudant

Provisioning service credentials

Connect existing services

Create service

Deployment Automation

Configure Continuous Delivery

Continuous Delivery is not enabled for this app. Enable Continuous Delivery to automate builds, tests, and deployments through Delivery Pipeline, GitLab, and more.

Deploy your app

Success!

Created app Node RED OIAJP 2022-11-12

11/12/2022, 10:31:39 AM

ASK A QUESTION

Type here to search

25°C Cloudy

10:31 12-11-2022

Resource list - IBM Cloud

cloud.ibm.com/resources

IBM Cloud

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?

Resource list

Create resource

Name	Group	Location	Product	Status	Tags
Filter by name or IP address...	Filter by group or org...	Filter...	Filter...	Filter...	Filter...
Compute (1)					
NEWAPP	firemanagement app / dev	Dallas	Node.js	Started	
Containers (0)					
Networking (0)					
Storage (0)					
AI / Machine Learning (0)					
Analytics (0)					
Blockchain (0)					
Databases (2+)					
Developer tools (8+)					
Logging and monitoring (0)					

Type here to search

Good air

10:33

12-11-2022

REFERENCE LINKS:

<https://wokwi.com/projects/347902799903720019>

<https://t2tj60.internetofthings.ibmcloud.com/dashboard/devices/browse>

NODE RED :

<https://firemanagerapp.mybluemix.net/red/#flow/1b4ad2f0e92f41c7>

APP URL :

<https://firemanagerapp.mybluemix.net/>

