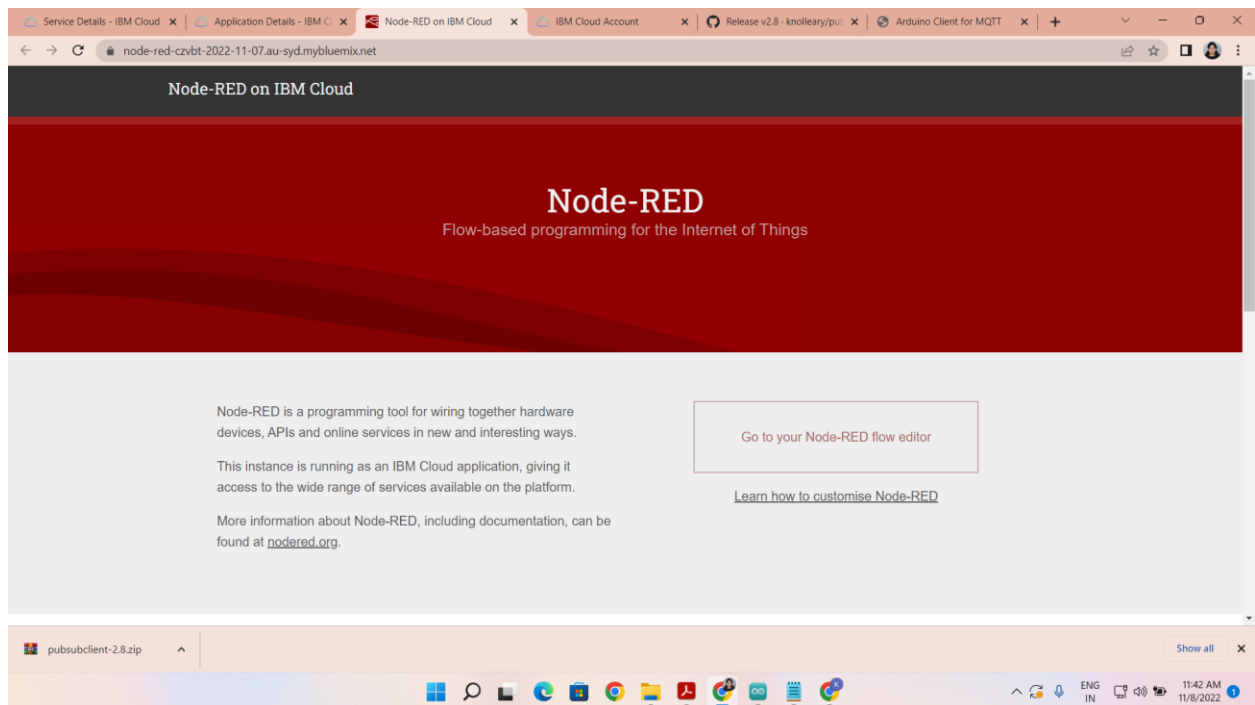
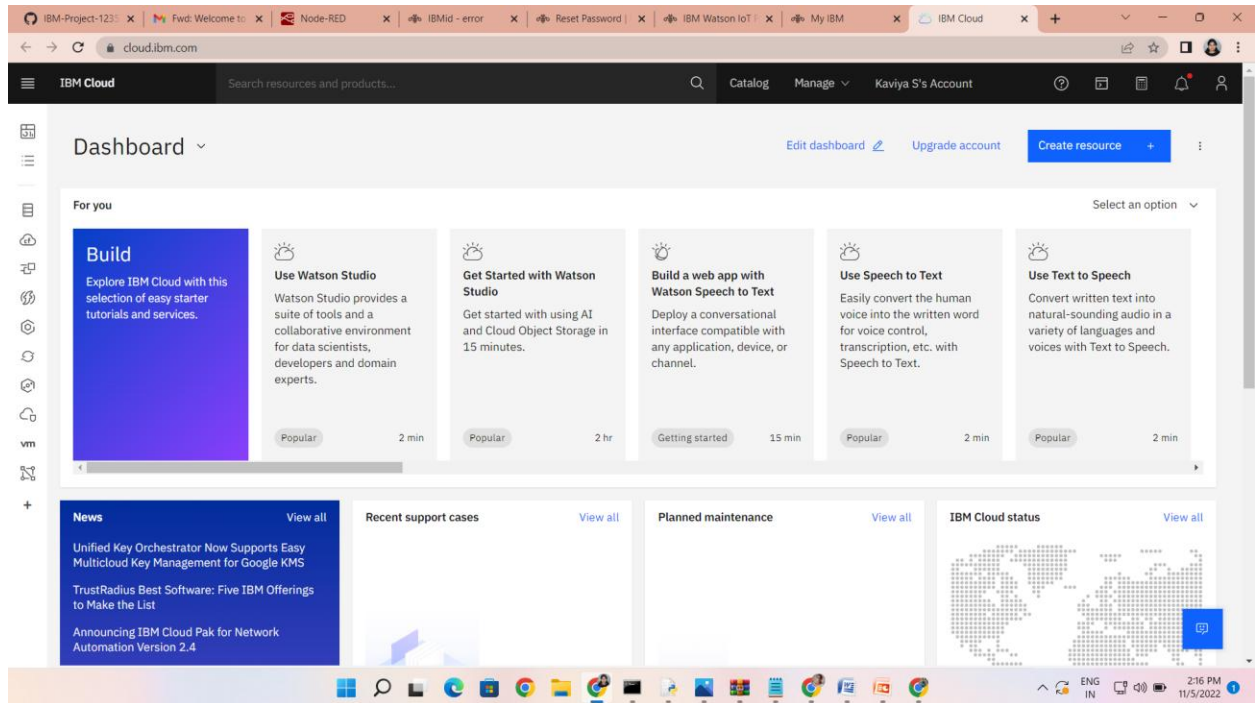


Project Planning Tools



IBM Watson IoT Platform

Search by Device ID

Device Simulator

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
1002	Disconnected	ESP32	Device	Nov 11, 2022 8:21 PM	
123	Disconnected	nodemcu	Device	Nov 11, 2022 11:22 AM	
ESP32_1	Connected	ESP32	Device	Nov 12, 2022 11:01 AM	

Identity

Device ID: ESP32_1

Device Type: ESP32

Date Added: Nov 12, 2022 8:46 AM

Added By: mahisaracr97@gmail.com

Connection Status: Connected

Connection Time: Nov 12, 2022 11:18 AM

Client Address: 157.46.111.100 SecureToken

1 Simulation running

WOKWI

SAVE SHARE

sketch.ino

```
1 #include <WiFi.h>
2 #include <WiFiClient.h>
3 #include <PubSubClient.h>
4 #include "DHT.h"
5
6 const char* ssid = "KAVIYA S";
7 const char* password = "kaviya@123";
8 #define DHTPIN 4
9 #define DHTTYPE DHT11
10 #define ORG "vtceyy"
11 #define DEVICE_TYPE "ESP32"
12 #define DEVICE_ID "ESP32_1"
13 #define TOKEN "wHkDv_XEazF-vUsYmR"
14
15 char server[] = ORG ".messaging.internetofthings.ibmcloud.com";
16 char pubTopic1[] = "iot-2/evt/status1/fmt/json";
17 char pubTopic2[] = "iot-2/evt/status2/fmt/json";
18 char authMethod[] = "use-token-auth";
19 char token[] = TOKEN;
20 char clientId[] = "d:" ORG ":" DEVICE_TYPE ":" DEVICE_ID;
21
22 WiFiClient wificlient;
23 PubSubClient client(server, 1883, NULL, wificlient);
24 DHT dht(DHTPIN, DHTTYPE);
25
26
27 void setup() {
28   Serial.begin(115200);
29   dht.begin();
30   Serial.println();
31   Serial.print("Connecting to ");
32   Serial.print(ssid);
33   WiFi.begin(ssid, password);
34   while (WiFi.status() != WL_CONNECTED) {
35     delay(500);
```

Simulation

00:08.415 104%

Connecting to KAVIYA S.....

