

## PRE REQUISITES

### IBM CLOUD SERVICES

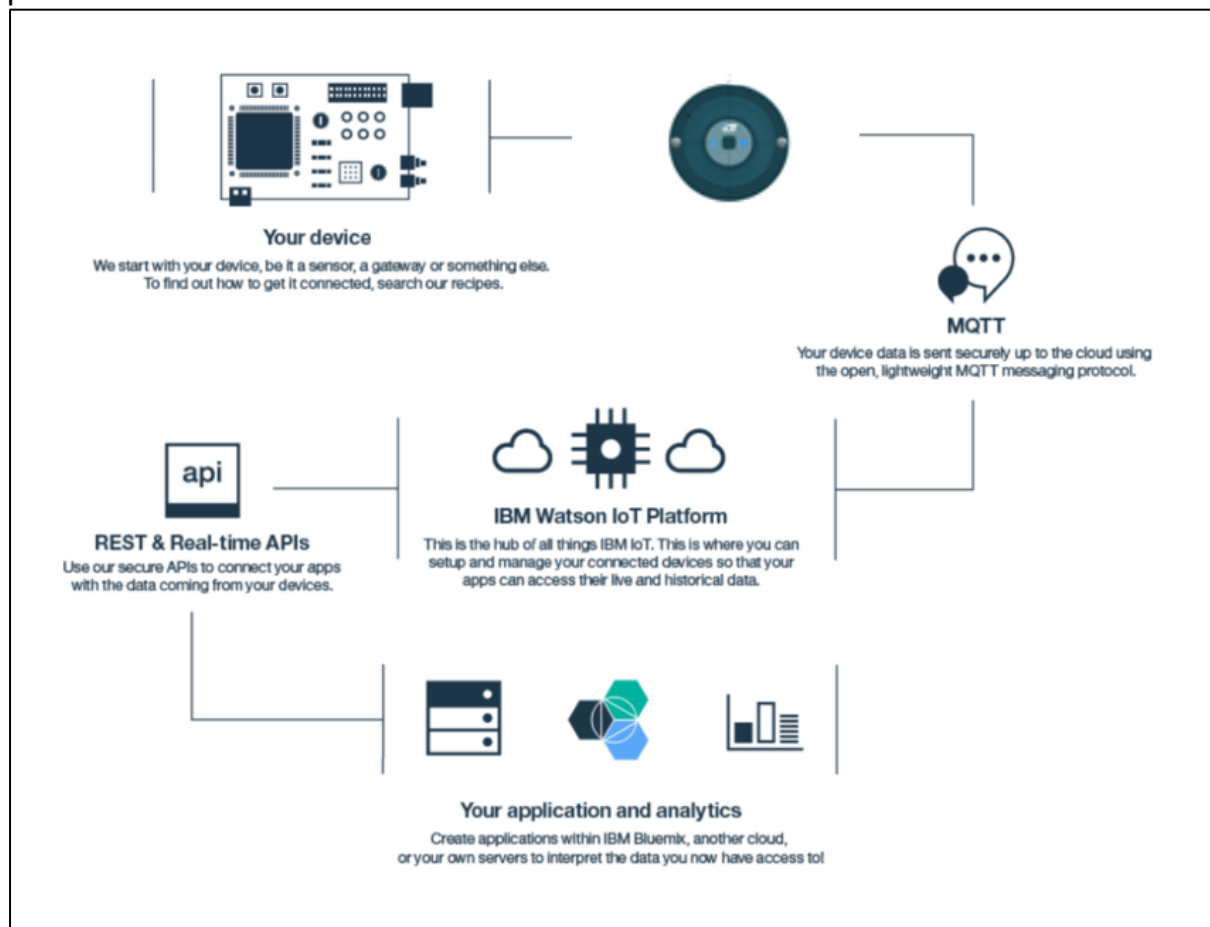
Date	19 September 2022
Team ID	PNT2022TMID38131
Project Name	Project - SmartFarmer -IOT Enabled smart farming application

**TASK:**need to have basic knowledge of the following cloud services:

- IBM Watson IoT Platform
- Node-RED Service

#### IBM Watson IoT Platform

**IBM Watson IoT Platform is a managed, cloud-hosted service designed to make it simple to derive value from your Internet of Things devices.** STMicroelectronics is an IBM Partner and provides development platforms allowing users to develop applications with direct connection to the IBM Watson IoT platform.

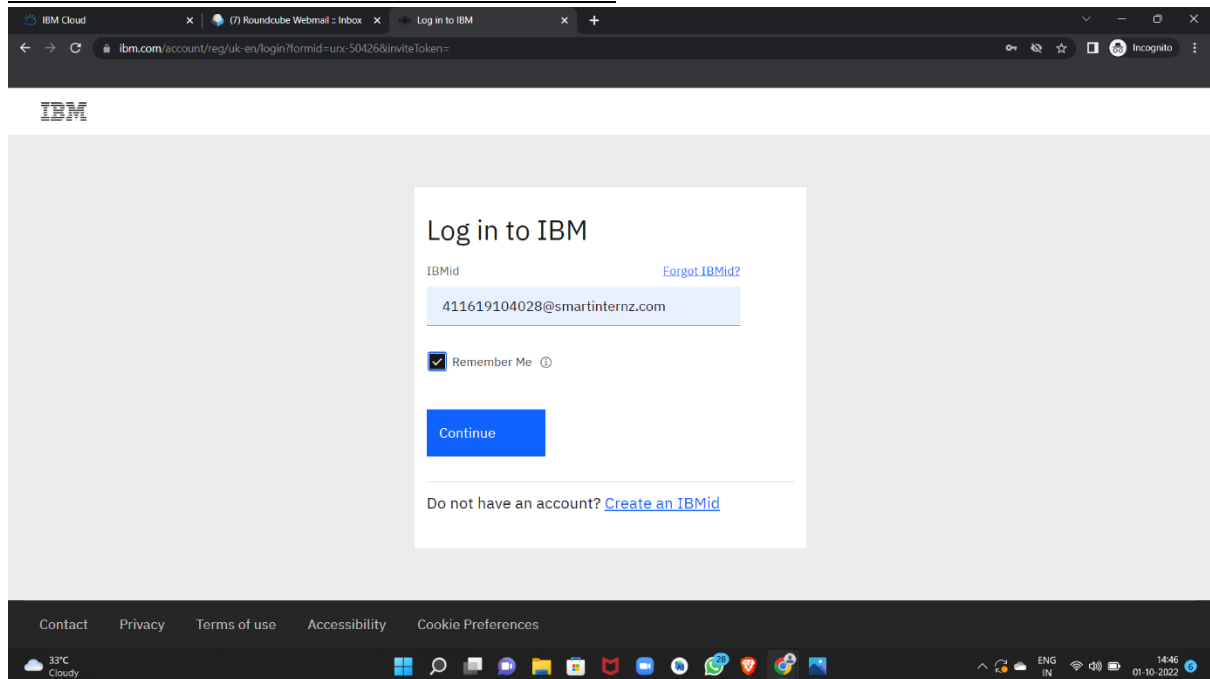


**FIGURE :IBM Watson IoT Platform**

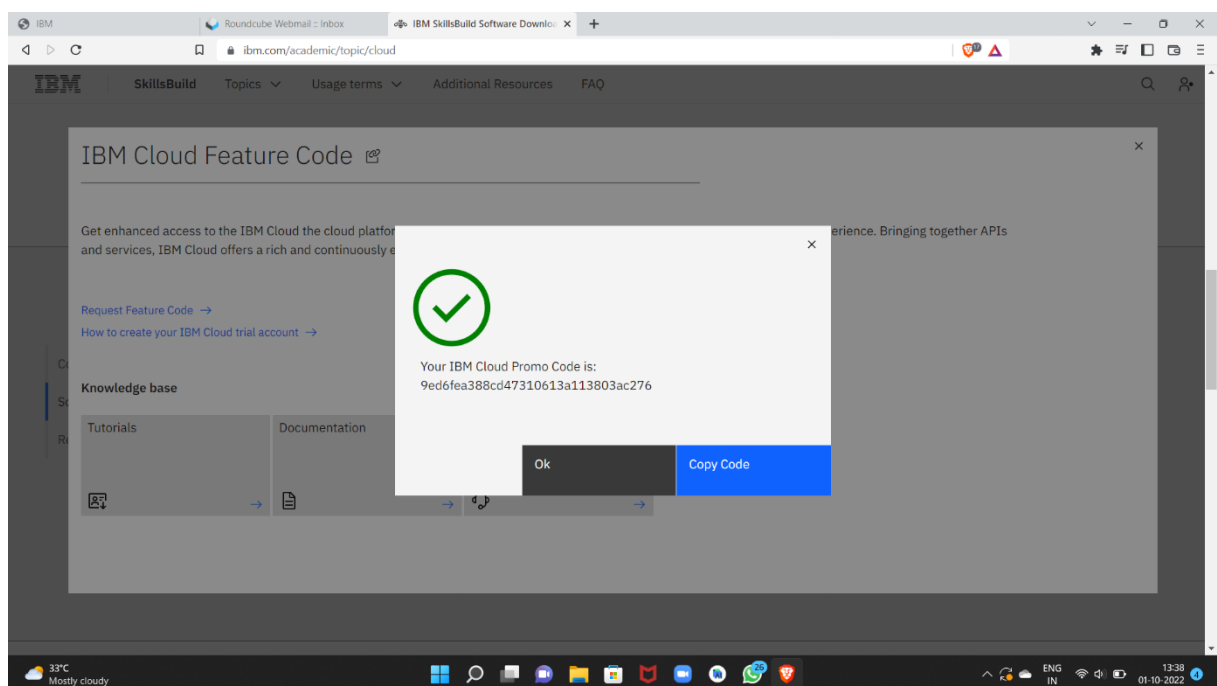
## Node-RED Service

Node-RED is a **programming tool for wiring together hardware devices, APIs and online services in new and interesting ways**. It provides a browser-based editor that makes it easy to wire together flows using the wide range of nodes in the palette that can be deployed to its runtime in a single-click.

### You need to create an IBM Cloud Account.



**FIGURE :Login in to IBM**



**FIGURE : IBM Promo Code**

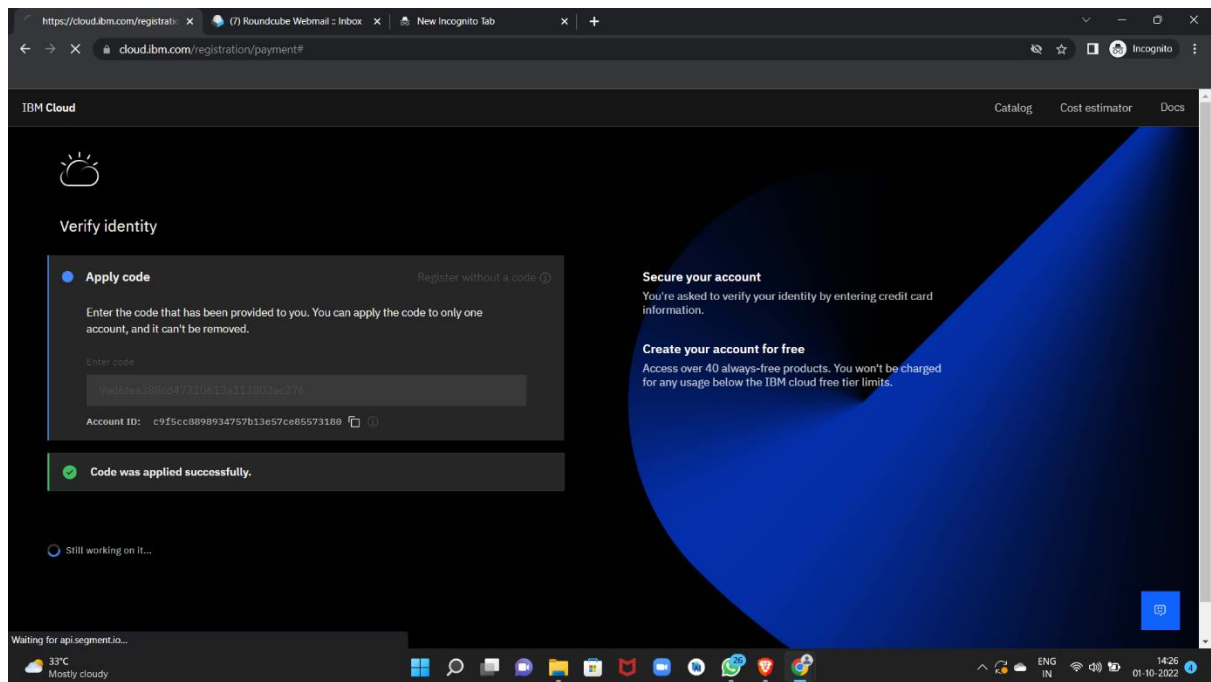


FIGURE : verifying identity

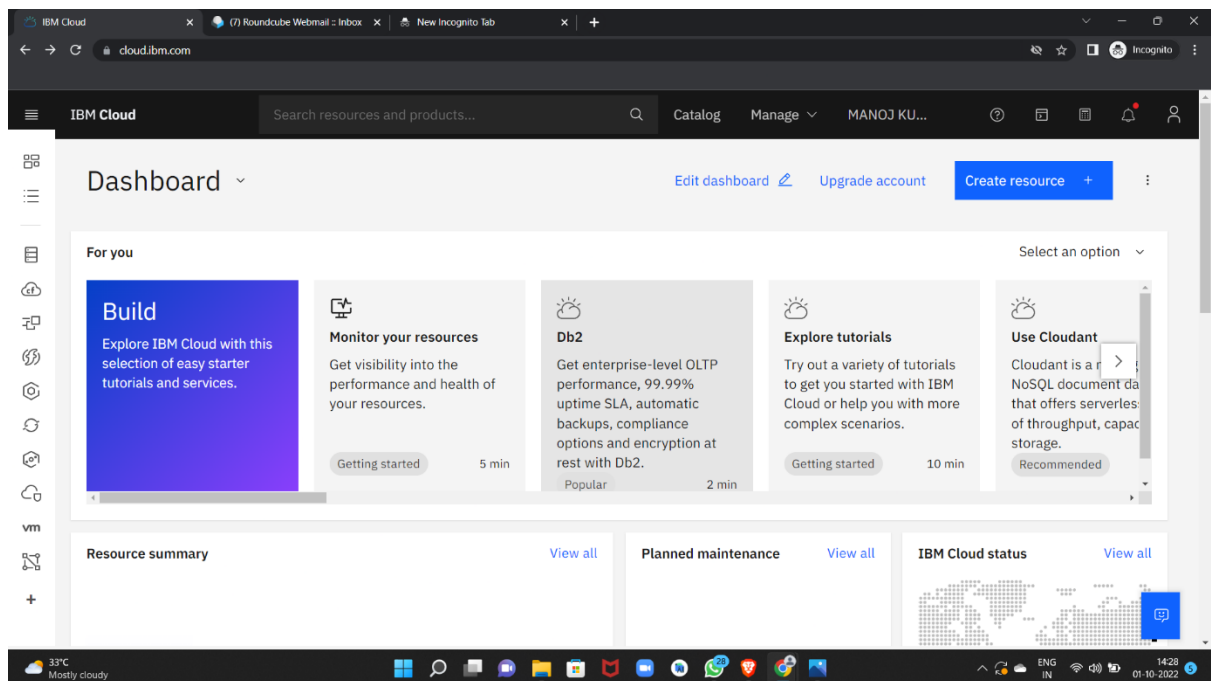


FIGURE : IBM dashborad