

PREREQUISITES

(IBM cloud service, Software)

Date	04 November 2022
Team ID	PNT2022TMID13627
Project Name	SMART WASTE MANAGEMENT FOR METROPOLITIAN CITIES
Maximum Marks	8 Marks

IBM Cloud Services:

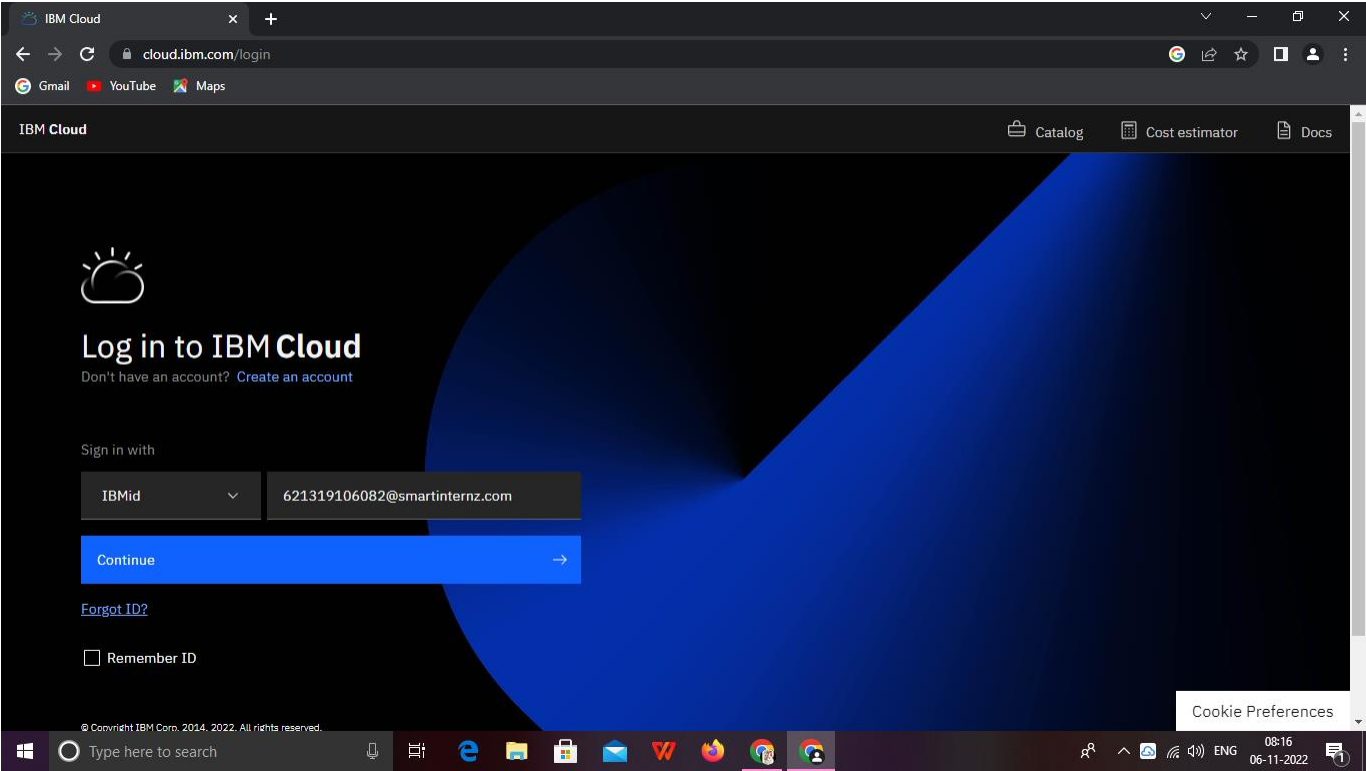
We need to have basic knowledge of the following cloud services:

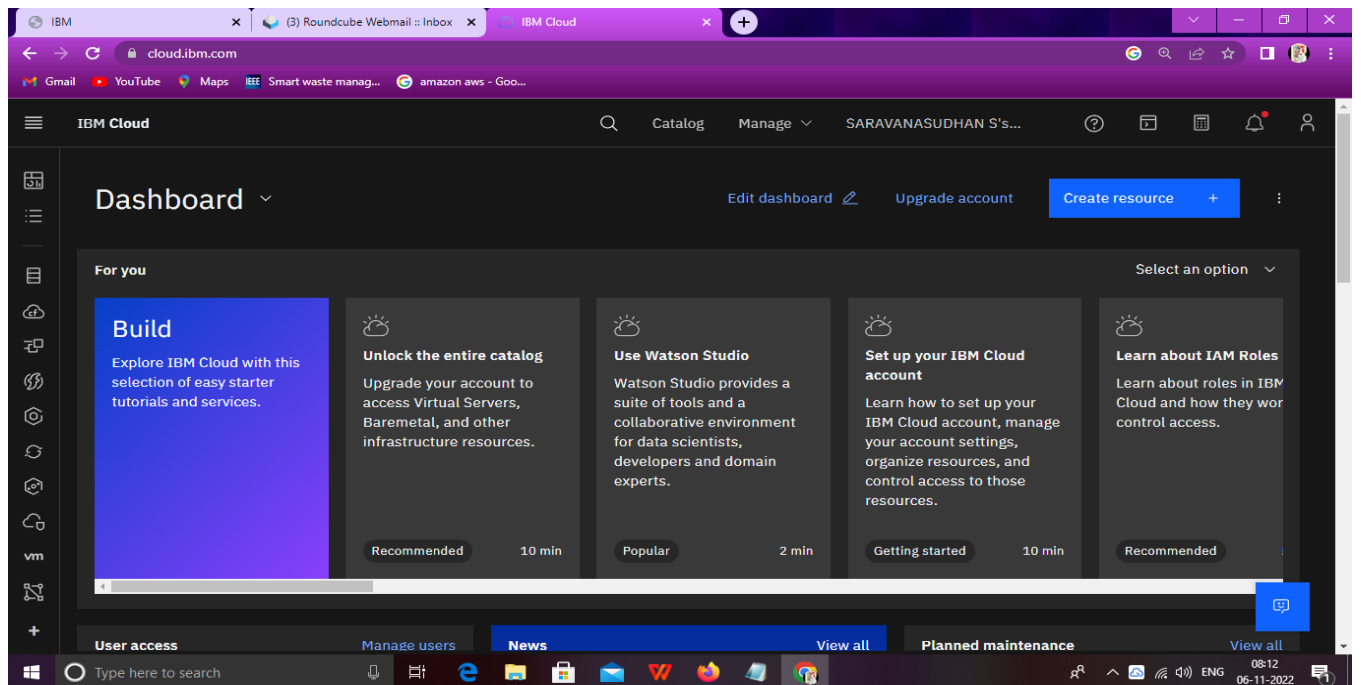
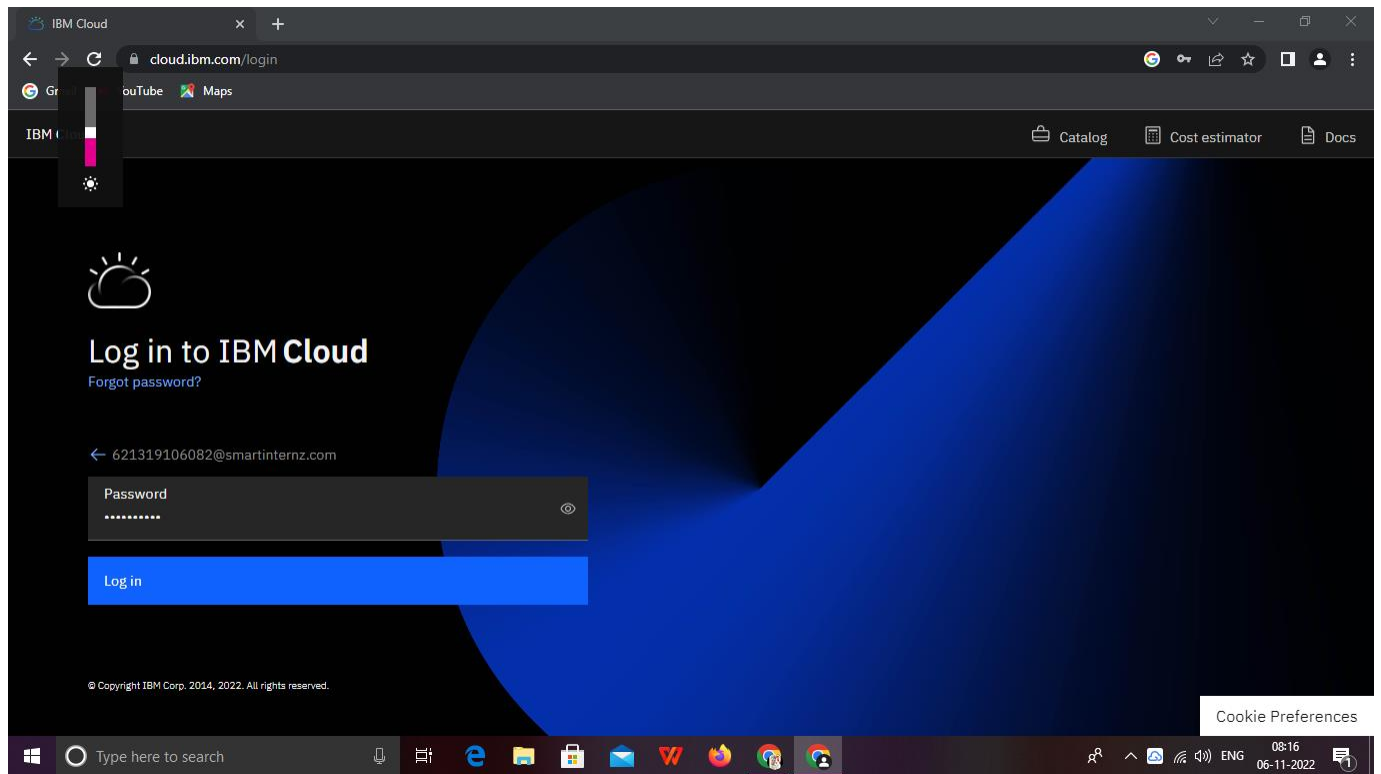
- ✦ IBM Watson IoT Platform
- ✦ Node-RED Service
- ✦ Cloudant DB

IBM Account Creation:

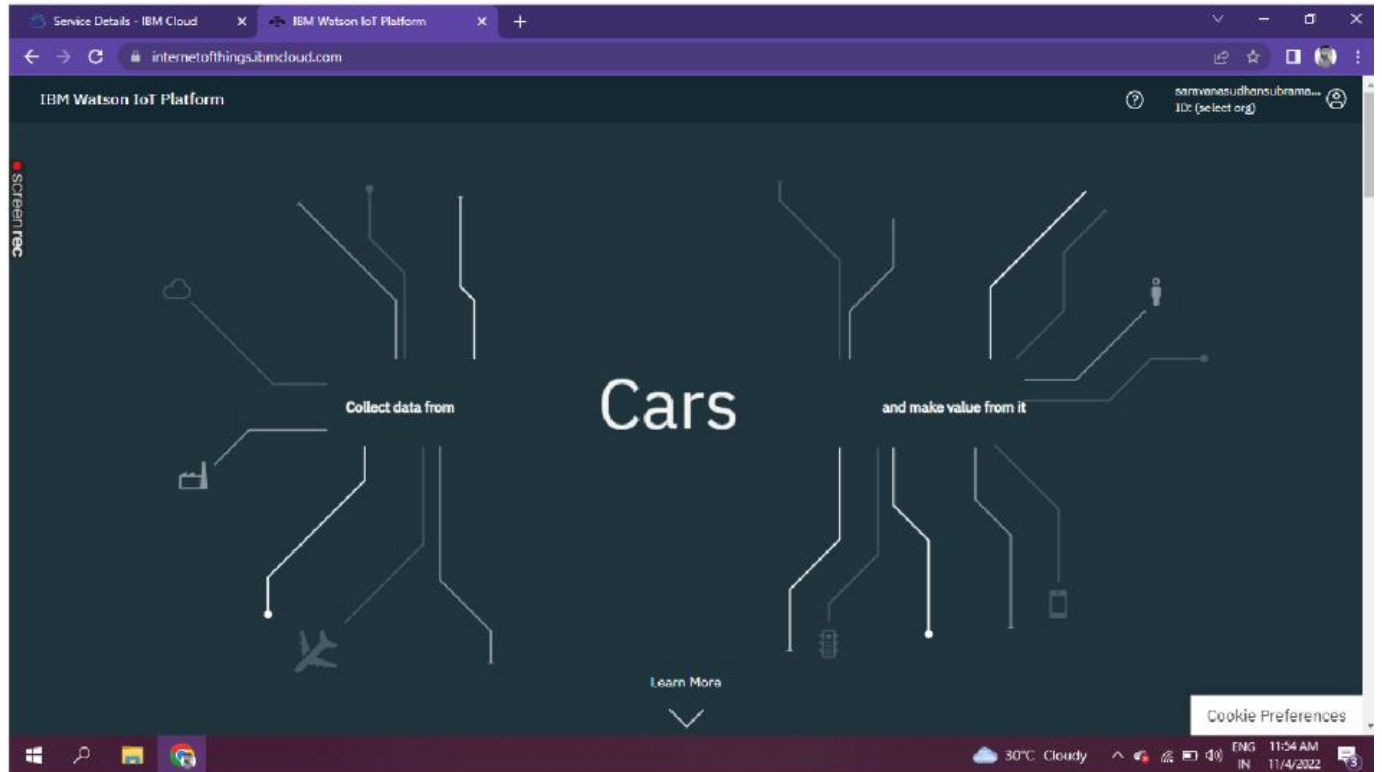
In this we create a account with the register code / promo code using the given mail id at the IBM cloud platform, then login

IBM CLOUD





IBM Watson IoT Platform



Service Details - IBM Cloud

IBM Watson IoT Platform

hqlbs6m.internetofthings.ibmcloud.com/dashboard/devices/browse

IBM Watson IoT Platform

?

sarevasudhansubramanian2002@gmail.com

ID: hqlbs6m

Screenrec

Browse

Action

Device Types

Interfaces

+

Add Device

Device ID	Status	Device Type	Class ID	Date Added
abcd	Disconnected	123	Device	Nov 4, 2022 11:51 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
event_1	{"randomNumber":75}	json	a few seconds ago
event_1	{"randomNumber":5}	json	a few seconds ago
event_1	{"randomNumber":33}	json	a few seconds ago
event_1	{"randomNumber":56}	json	a few seconds ago
event_1	{"randomNumber":67}	json	a few seconds ago

1 Simulation running

Windows

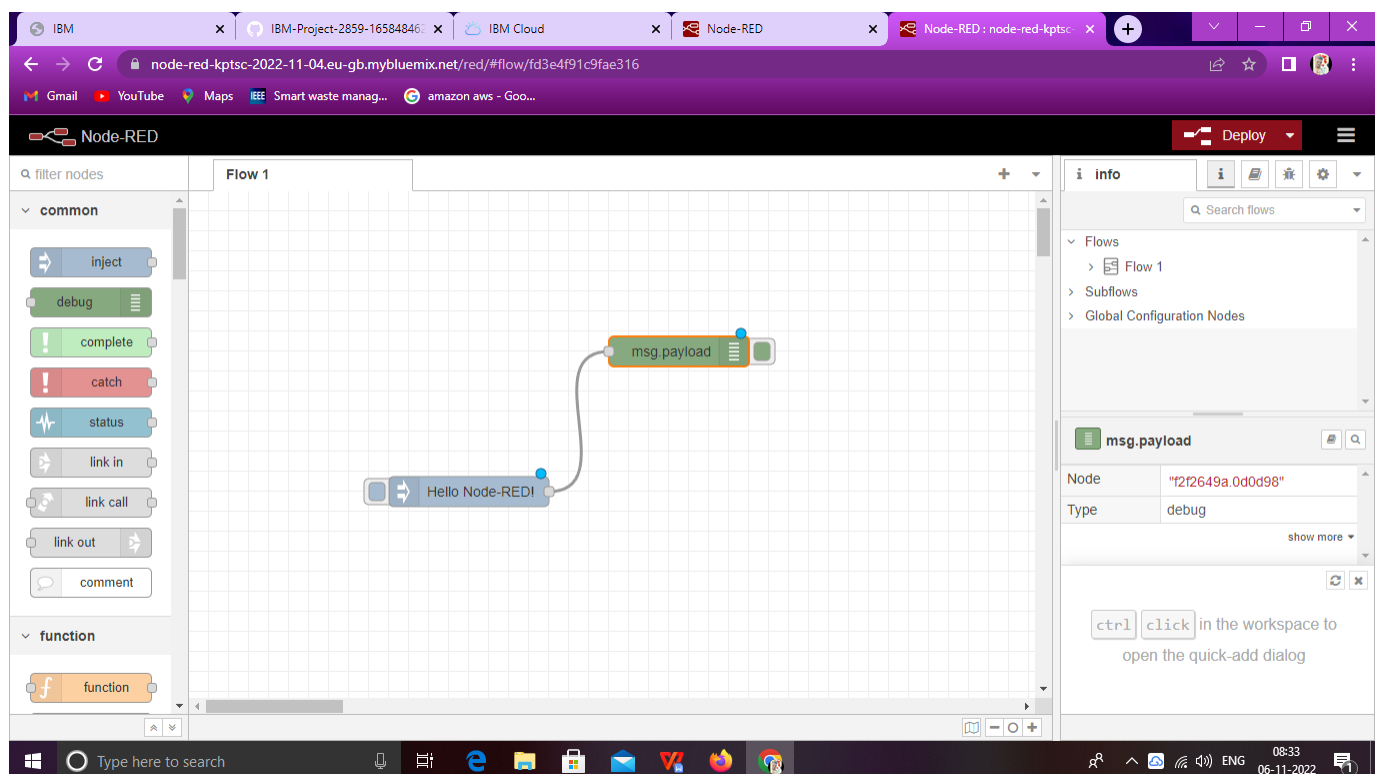
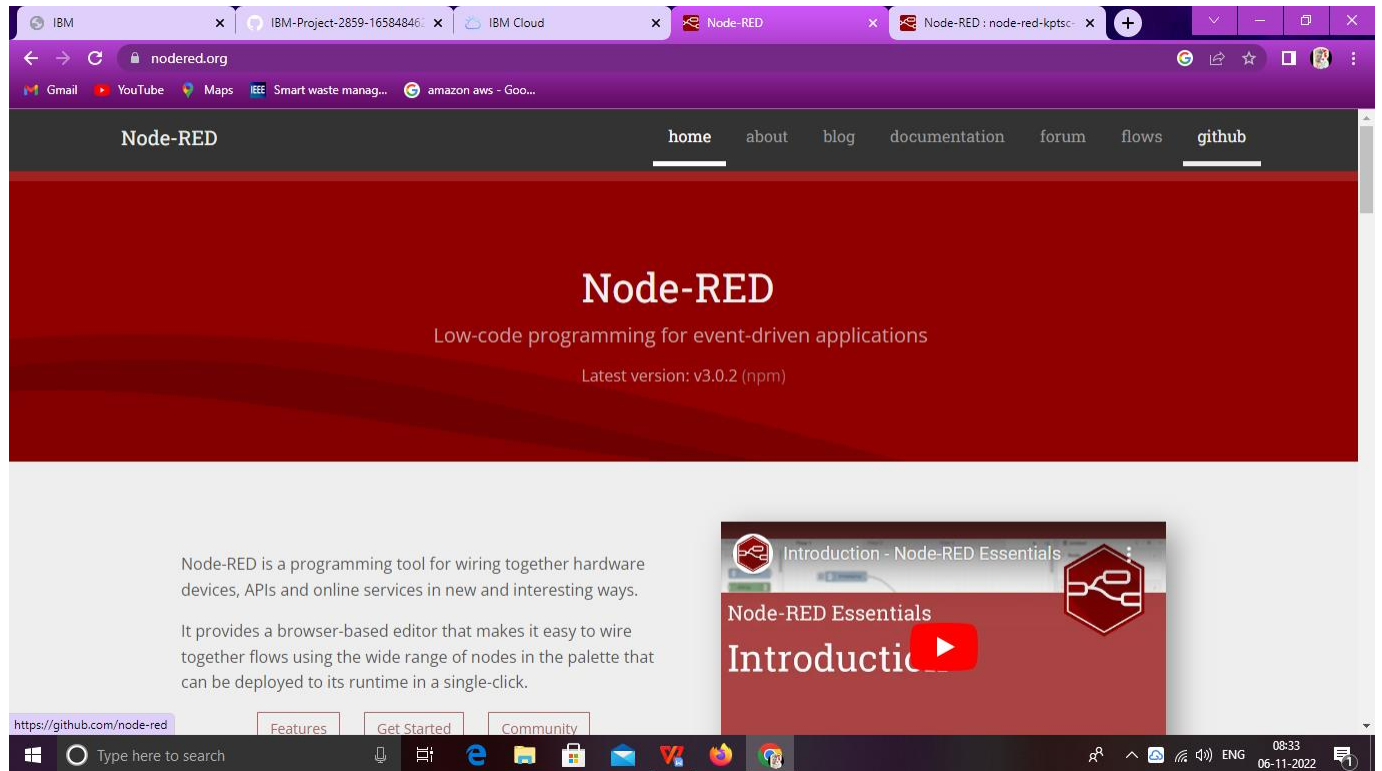
30°C Cloudy

ENG IN

11:53 AM

11/4/2022

NODE-RED SERVICE



Cloudant DB

IBM Cloud Project-2859-1658484622/C Service Details - IBM Cloud

cloud.ibm.com/services/cloudantnosqldb/crm%3Av1%3Abluemix%3Apublic%3Acloudantnosqldb%3Aeu-gb%3Aa%2Faa%2F006eba34a30bb435edefa4c01b1%3Af90...

IBM Cloud Search resources and products... Catalog Manage SARAVANASUDHAN S's...

Resource list / Cloudant-4e Active Add tags

Manage Overview Capacity Docs Launch Dashboard

Service credentials Plan Connections

Deployment details

CRN crm:v1:bluemix:public:cloudantnosqldb:eu-gb:a/aa0f9006eba34a30bb435edefa4c01b1:f90a25f3-b06c-446e-8d94-014017fd5d64::

Location London

External endpoint https://0fa44d99-5fd8-4ce2-b0f4-ee02d63f9aee-bluemix.cloudant.com

External endpoint (preferred) https://0fa44d99-5fd8-4ce2-b0f4-ee02d63f9aee-bluemix.cloudantnosqldb.appdomain.cloud

Authentication methods IBM Cloud IAM







Activity Tracker event types Management Save

IBM Cloud Project-2859-1658484622/C Service Details - IBM Cloud Cloudant Dashboard - _all_dbs

0fa44d99-5fd8-4ce2-b0f4-ee02d63f9aee-bluemix.cloudant.com/dashboard.html#/all_dbs

Databases Database name Create Database { } JSON

Your Databases

Name	Size	# of Docs	Partitioned	Actions
sample	2 bytes	1	No	  
sudhan	4 bytes	2	No	  

Showing 1-2 of 2 databases. Databases per page 20 1