

# PREREQUISITES

(IBM cloud service, Software)

Date	25 October 2022
Team ID	PNT2022TMID53637
Project Name	Industry-specific intelligent fire management system
Maximum Marks	8 Marks

## IBM Cloud Services:

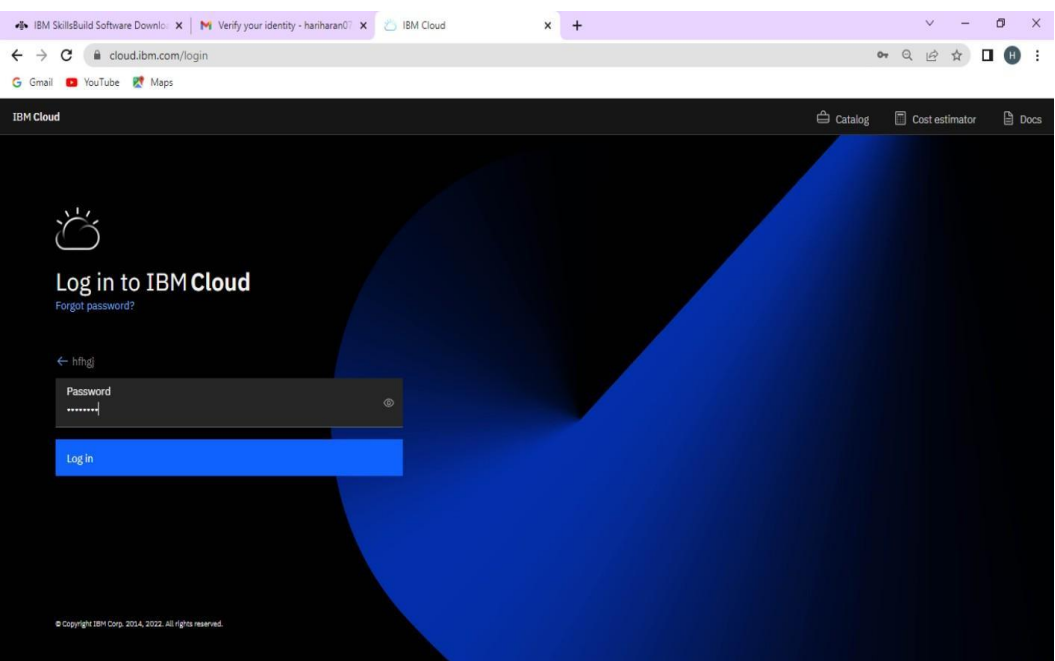
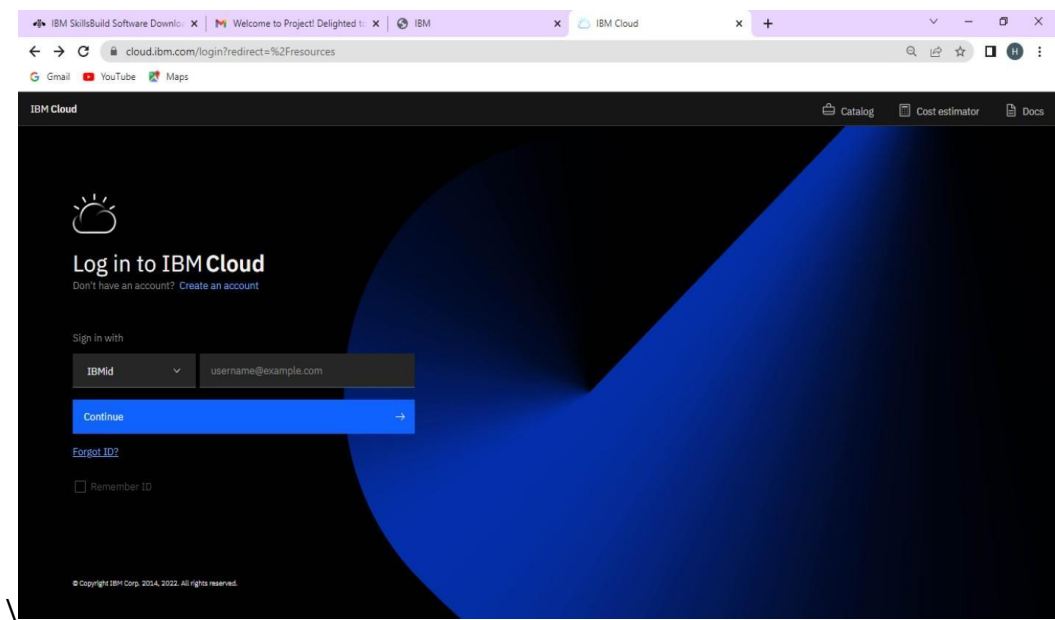
**We need to have basic knowledge of the following cloud services:**

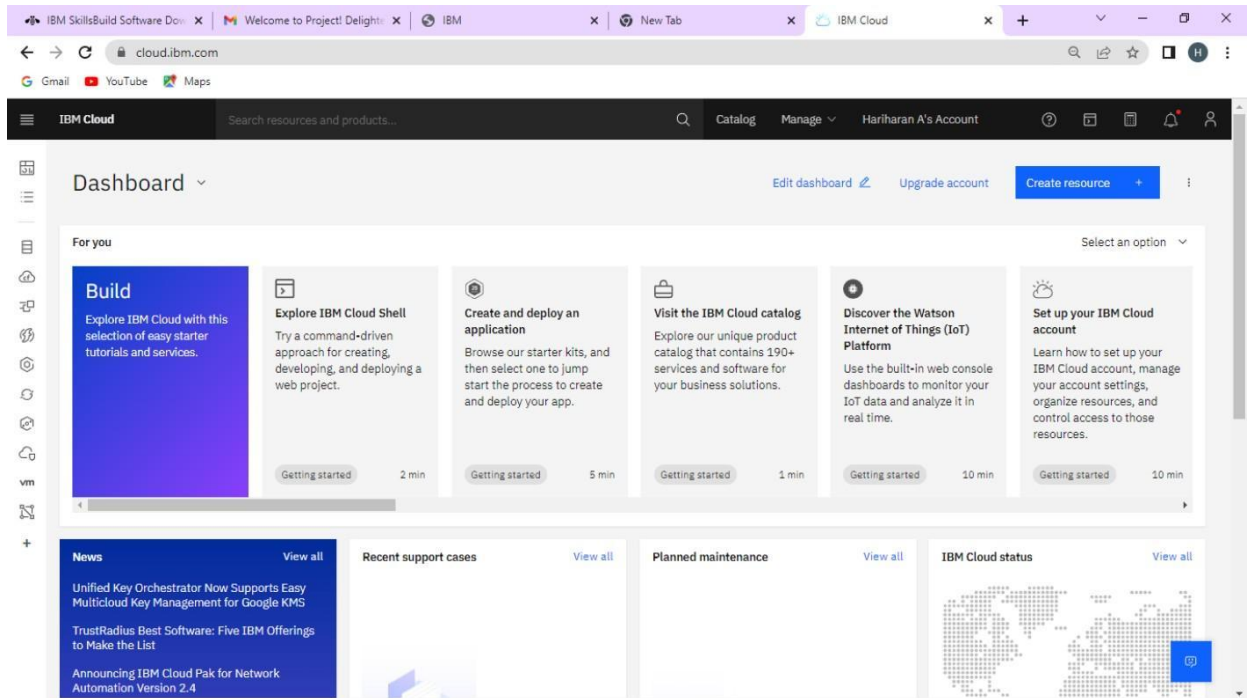
- † IBM Watson IoT Platform
- † Node-RED Service
- † Cloudant DB

## IBM Account Creation:

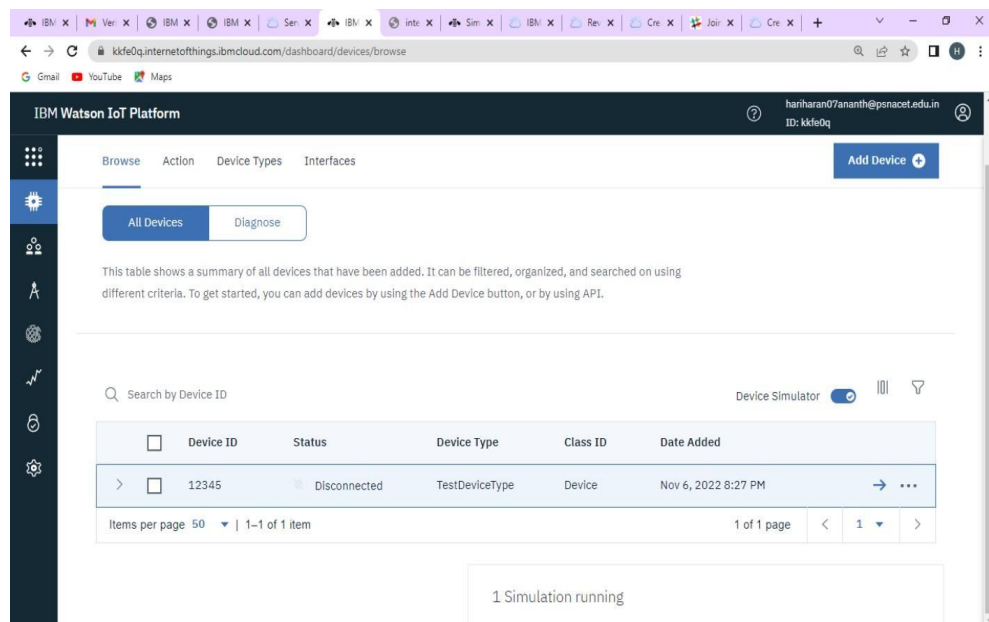
In this we create a account with the register code / promo code using the given mail id at the IBM cloud platform, then login

# IBM CLOUD

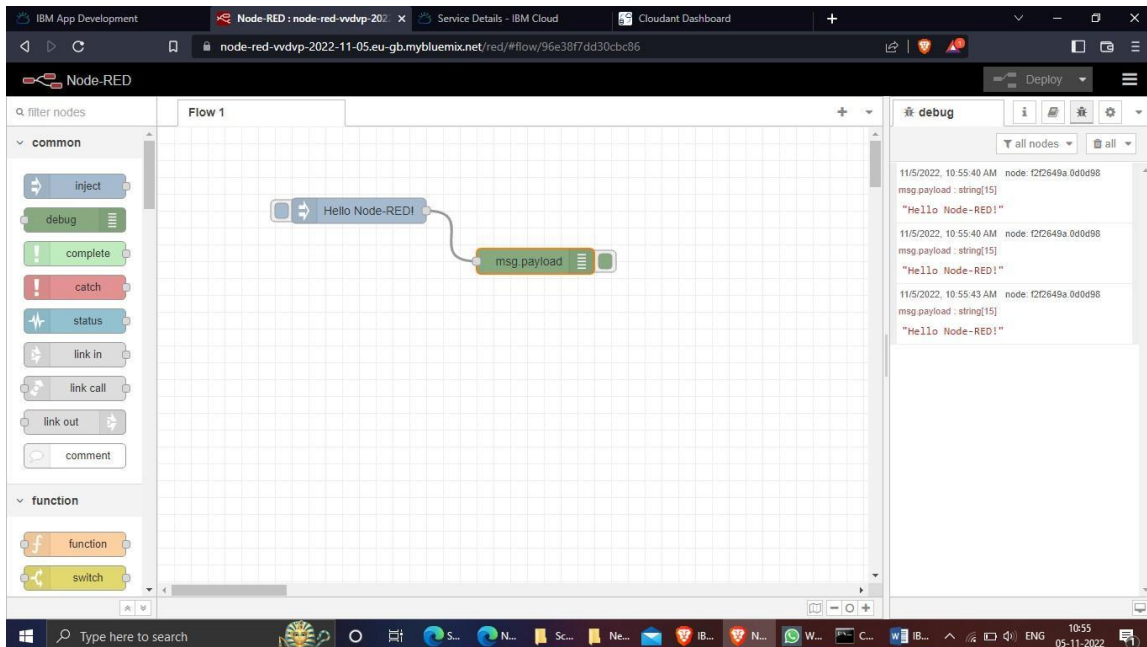
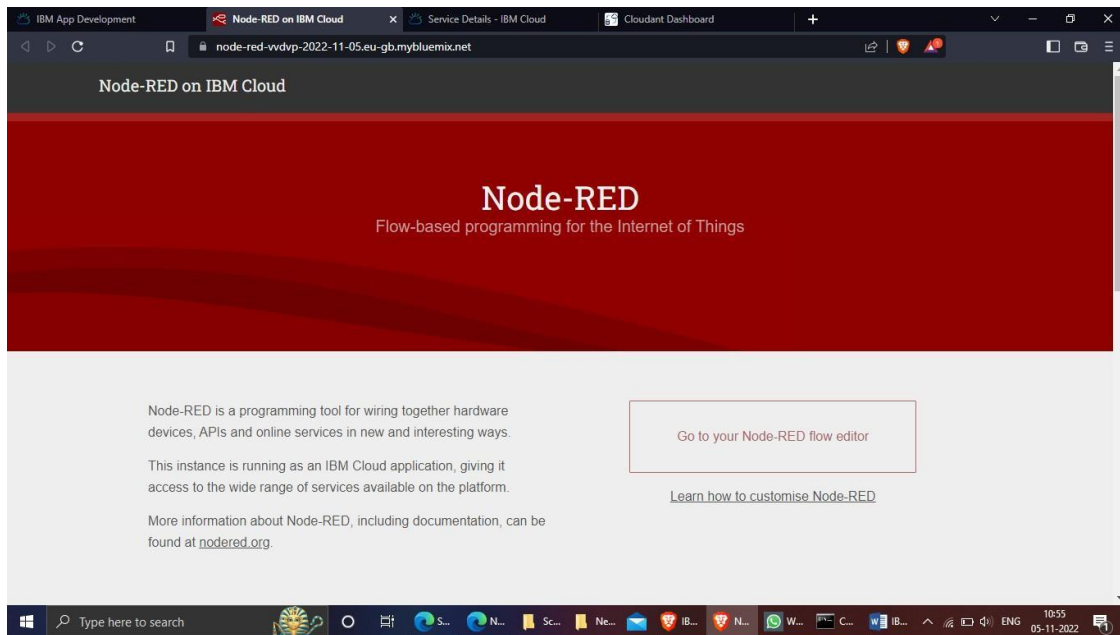




## IBM Watson IoT Platform



## NODE-RED SERVICE



# Cloudant DB

This screenshot shows the 'Service Details' page for a Cloudant database in the IBM Cloud console. The resource is named 'node-red-eawwb-2022--cloudant-1667472378798' and is in an 'Active' state. The left sidebar contains links for 'Manage', 'Service credentials', 'Plan', and 'Connections'. The main content area is divided into tabs: 'Overview', 'Capacity', and 'Docs'. The 'Overview' tab is selected, displaying 'Deployment details'.

**Deployment details**

- CRN:** crm:v1:bluemix:public:cloudantnosqldb:eu-gba/385c488a0a5c44ef8e19d6d790a093df7222986-a36d-4897-ab99-49511c5f1aa
- Location:** London
- External endpoint:** <https://ed75f248-e5f6-411c-a1c8-e466095c7806-bluemix.cloudant.com>
- External endpoint (preferred):** <https://ed75f248-e5f6-411c-a1c8-e466095c7806-bluemix.cloudantnosqldb.appdomain.cloud>
- Authentication methods:** IBM Cloud IAM, Cloudant credentials, and a 'Migrate to IAM Only' button.
- Activity Tracker event types:** A dropdown menu set to 'Management' with a 'Save' button.
- Disk encryption:** Yes. Automatically generated disk encryption key.

A 'Launch Dashboard' button is located in the top right corner of the 'Overview' tab.

This screenshot shows the 'Cloudant Dashboard' in a web browser. The page title is 'Databases'. At the top right, there is a 'Database name' dropdown, a 'Create Database' button, and links for '{JSON}' and a notification bell. The main section, 'Your Databases', contains a table with three databases.

Name	Size	# of Docs	Partitioned	Actions
noderedknjp20221104	2.3 KB	2	No	[Icons for expand, lock, and delete]
noderedvvdvp20221105	2.3 KB	2	No	[Icons for expand, lock, and delete]
noderedyqabm20221104	16.1 KB	4	No	[Icons for expand, lock, and delete]

At the bottom of the table, it says 'Showing 1-3 of 3 databases.' and 'Databases per page' is set to 20. A 'Log Out' button is in the bottom left corner of the dashboard area.