

PREREQUISITES

(IBM cloud service, Software)

Date	22 October 2022
Team ID	PNT2022TMID25653
Project Name	Industry-specific intelligent fire management system
Maximum Marks	8 Marks

IBM Cloud Services:

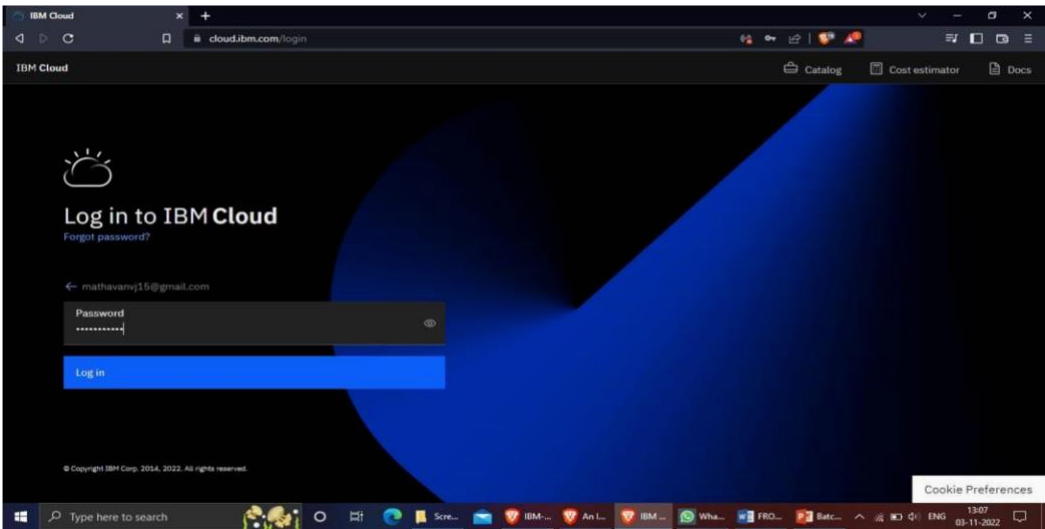
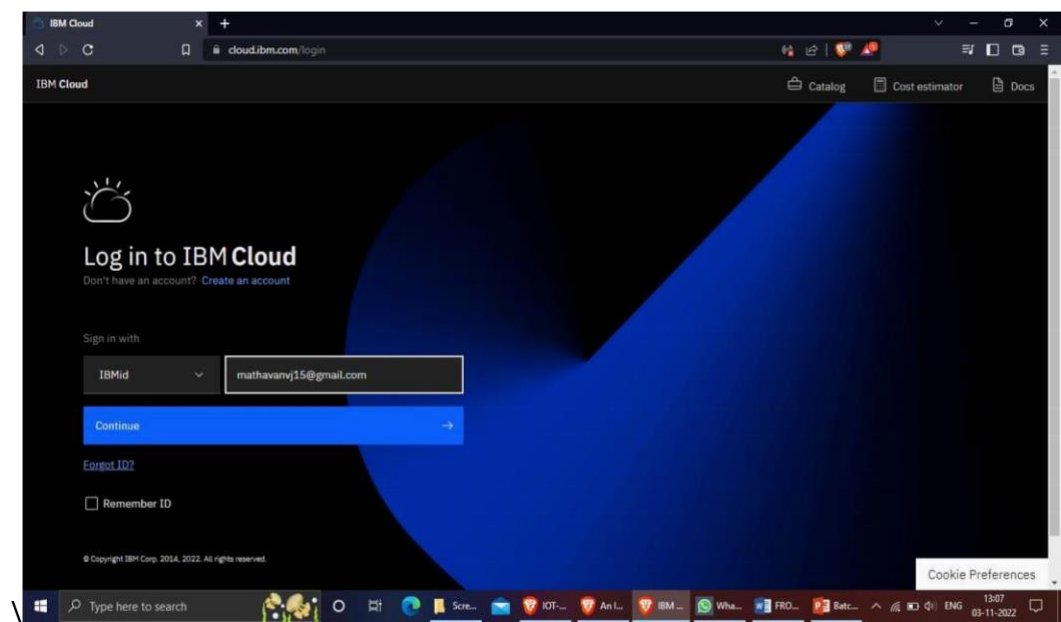
We need to have basic knowledge of the following cloud services:

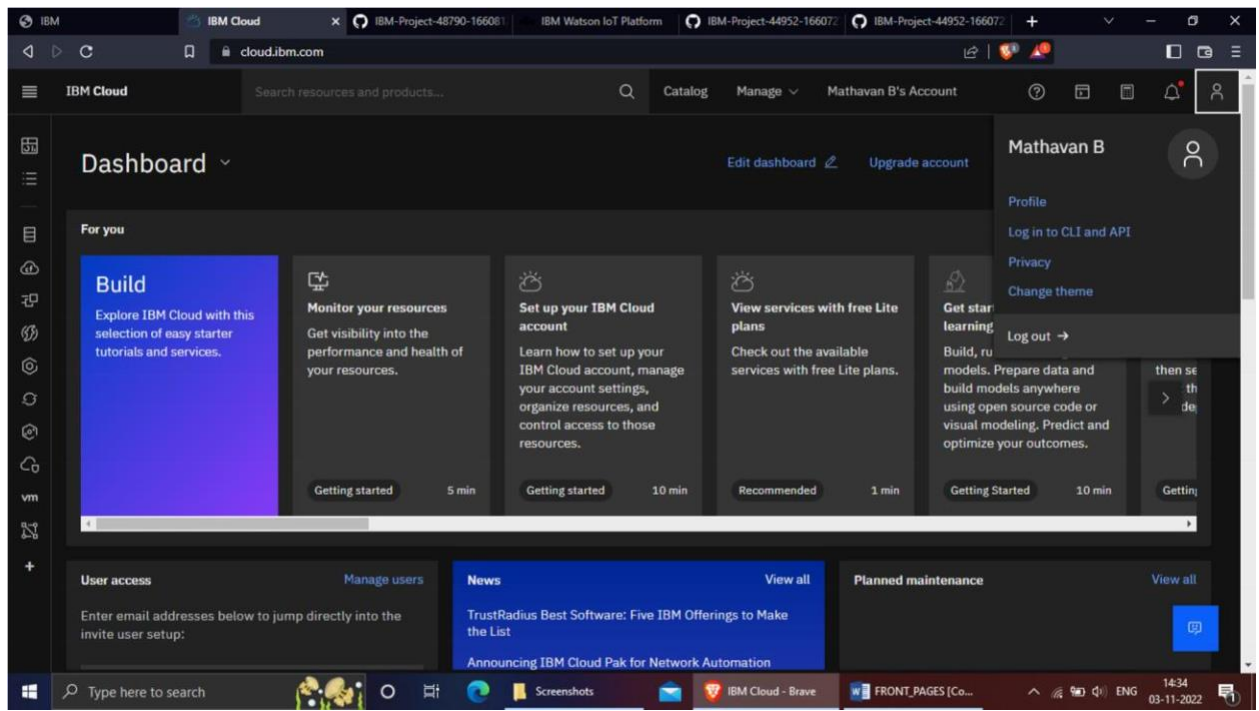
- ✦ IBM Watson IoT Platform
- ✦ Node-RED Service
- ✦ Cloudant DB

IBM Account Creation:

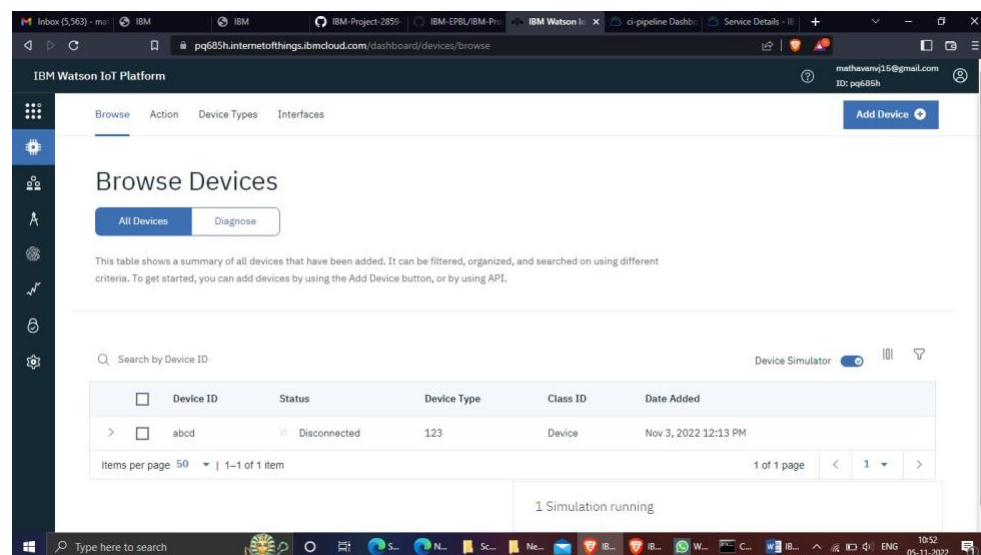
In this we create a account with the register code / promo code using the given mail id at the IBM cloud platform, then login

IBM CLOUD

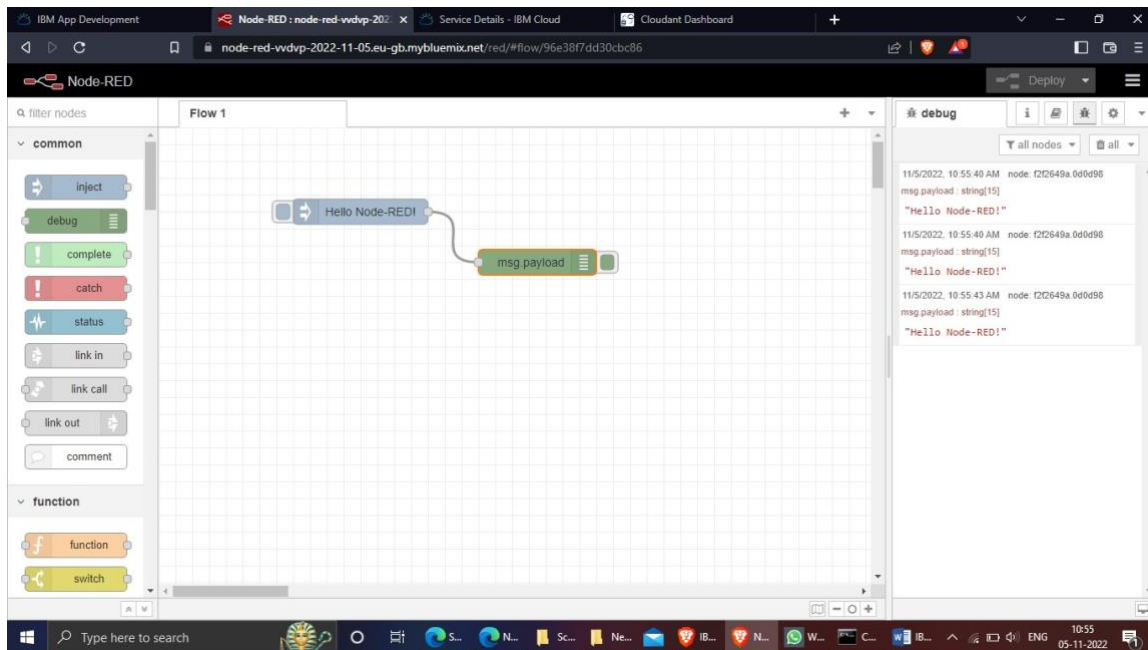
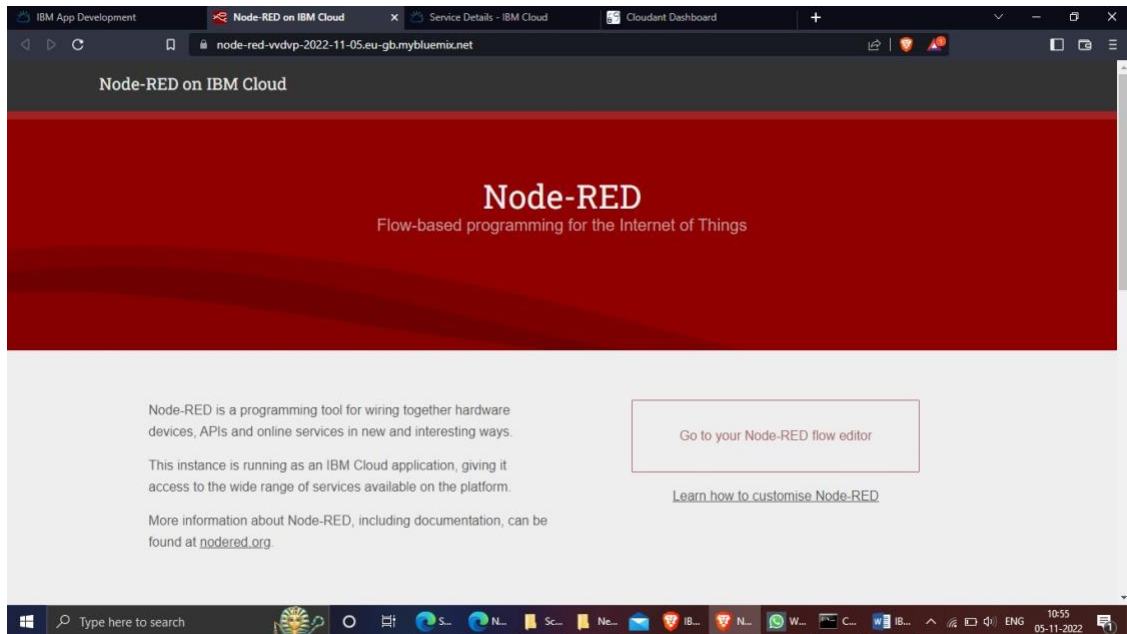




IBM Watson IoT Platform



NODE-RED SERVICE



Cloudant DB

This screenshot shows the 'Service Details' page for a Cloudant DB instance in the IBM Cloud console. The instance is named 'node-red-eawwb-2022--cloudant-1667472378798' and is in an 'Active' state. The 'Overview' tab is selected, displaying deployment details such as the CRN, location (London), and external endpoints. The 'Authentication methods' section shows 'IBM Cloud IAM' and 'Cloudant credentials' as options, with a 'Migrate to IAM Only' button. The 'Activity Tracker event types' are set to 'Management'. The 'Disk encryption' status is 'Yes, Automatically generated disk encryption key.' A 'Launch Dashboard' button is visible in the top right corner.

Resource list / node-red-eawwb-2022--cloudant-1667472378798 Active [Add tags](#) [Details](#) [Actions...](#)

Manage Overview Capacity Docs [Launch Dashboard](#)

Service credentials
Plan
Connections

Deployment details

CRN: crm:1:bluemix-public:cloudantnosqldb:eu-gb:a/385c488a0a5c44ef8e19d6d790a093df:7222986-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](#) [Migrate to IAM Only](#)

Activity Tracker event types: [Management](#) [Save](#)

Disk encryption: Yes. Automatically generated disk encryption key.

This screenshot shows the 'Cloudant Dashboard' for the same instance. The 'Databases' section is active, displaying a table of existing databases. The table has columns for Name, Size, # of Docs, Partitioned, and Actions. Three databases are listed: 'noderedknkp20221104', 'noderedvvdvp20221105', and 'noderedyqgbm20221104'. Each database has a size, a number of documents, and is not partitioned. The 'Actions' column provides icons for adding, deleting, and refreshing documents. The dashboard also includes a 'Create Database' button and a 'Log Out' link.

Databases

Database name [Create Database](#) [JSON](#) [Bell](#)

Your Databases

Name	Size	# of Docs	Partitioned	Actions
noderedknkp20221104	2.3 KB	2	No	Add Delete Refresh
noderedvvdvp20221105	2.3 KB	2	No	Add Delete Refresh
noderedyqgbm20221104	16.1 KB	4	No	Add Delete Refresh

Showing 1-3 of 3 databases. Databases per page: [20](#) [1](#)

