

# PREREQUISITES

(IBM cloud service, Software)

Date	04 November 2022
Team ID	PNT2022TMID26648
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

Project Templates - Nalaiya

GitHub - IBM-EPBL/IBM-Pro

IBM Cloud

IBM Watson IoT Platform


cloud.ibm.com/login?redirect=%2Fservices%2Fiotf-service%2Fcm%253Av1%253Abluemix%253Apublic%253Aiotf-service%253Aeu-de%253Aa%252Fbfc5c57...

IBM Cloud

Catalog

Cost estimator

Docs



# Log in to IBM Cloud

Don't have an account? [Create an account](#)

Sign in with

IBMid

▼

martinrohan2207@gmail.com

Continue →

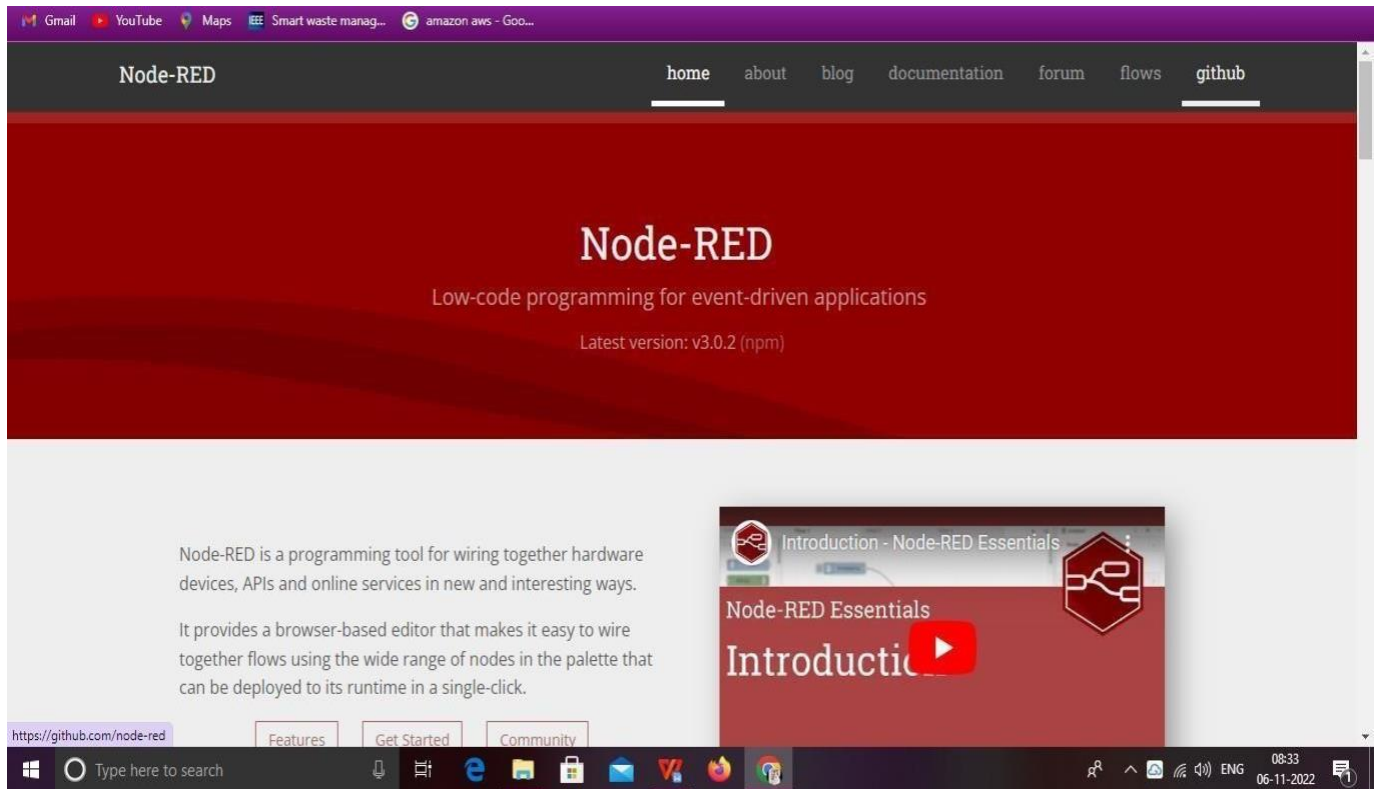
[Forgot ID?](#)

☐ Remember ID

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## NODE-RED SERVICE



The screenshot shows the Node-RED website homepage. The browser's address bar displays "https://github.com/node-red". The website has a dark red header with the "Node-RED" logo on the left and navigation links for "home", "about", "blog", "documentation", "forum", "flows", and "github" on the right. The "home" link is underlined. Below the header is a large red banner with the text "Node-RED" in white, followed by "Low-code programming for event-driven applications" and "Latest version: v3.0.2 (npm)". The main content area has a light gray background. On the left, there is text describing Node-RED as a programming tool for wiring together hardware devices, APIs, and online services, and mentioning its browser-based editor. On the right, there is a video player showing a video titled "Introduction - Node-RED Essentials" with a red play button. Below the video player are three buttons: "Features", "Get Started", and "Community". The Windows taskbar is visible at the bottom, showing the search bar, task view, and various application icons. The system tray on the right shows the date and time as "06-11-2022 08:33".

Node-RED

home about blog documentation forum flows github

# Node-RED

Low-code programming for event-driven applications

Latest version: v3.0.2 (npm)

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.

Introduction - Node-RED Essentials

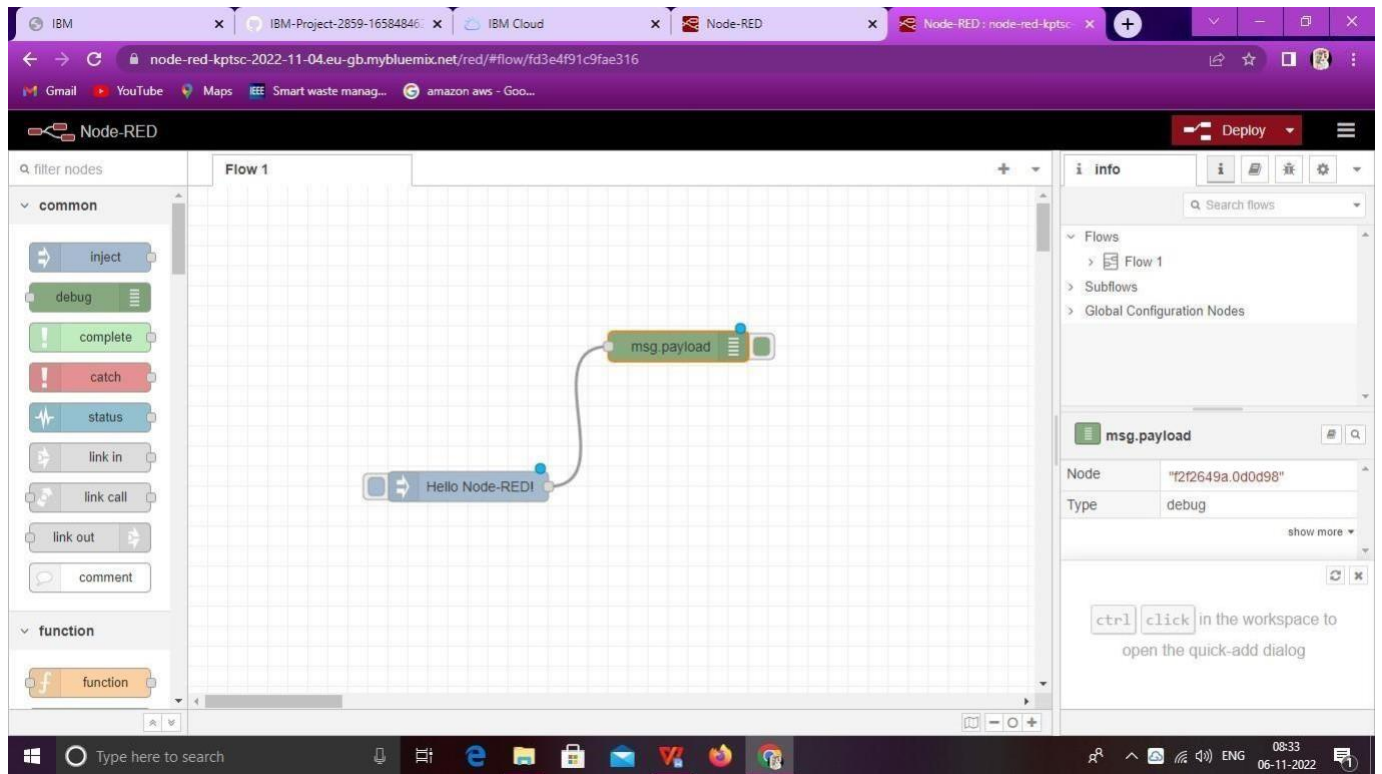
Node-RED Essentials

Introduction

Features Get Started Community

Type here to search

06-11-2022 08:33



**Cloudant DB**

IBM Cloud

Search resources and products...

Q

Catalog

Manage

Arunadevi S's Account

?

Resource list /

node-red-sttkl-2022--cloudant-1667040538449

Active

Add tags

Details

Actions...

Manage

Service credentials

Plan

Connections

Overview

Capacity

Docs

Launch Dashboard

Deployment details

CRN

crn:v1:bluemix:public:cloudantnosqldb:eu-gb:a/bbe73b343fe148d99b0e88794371d2a3:8b390920-5ce6-44d3-afff-8eb9ed509776::

Location

London

External endpoint

<https://07c01702-ed9f-4d25-bacc-f6caab46c092-bluemix.cloudant.com>

External endpoint (preferred)

<https://07c01702-ed9f-4d25-bacc-f6caab46c092-bluemix.cloudantnosqldb.appdomain.cloud>

Authentication methods

[IBM Cloud IAM](#)

[Cloudant credentials](#)

Migrate to IAM Only