

PREREQUISITES

(IBM cloud service, Software)

Date	04 November 2022
Team ID	PNT2022TMID26651
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
- ✦ Cloudbant 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 Cloud

IBM Cloud

CatalogCost estimatorDocs



Log in to IBM Cloud

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

Sign in with

IBMid

212919106060@smartinternz.com

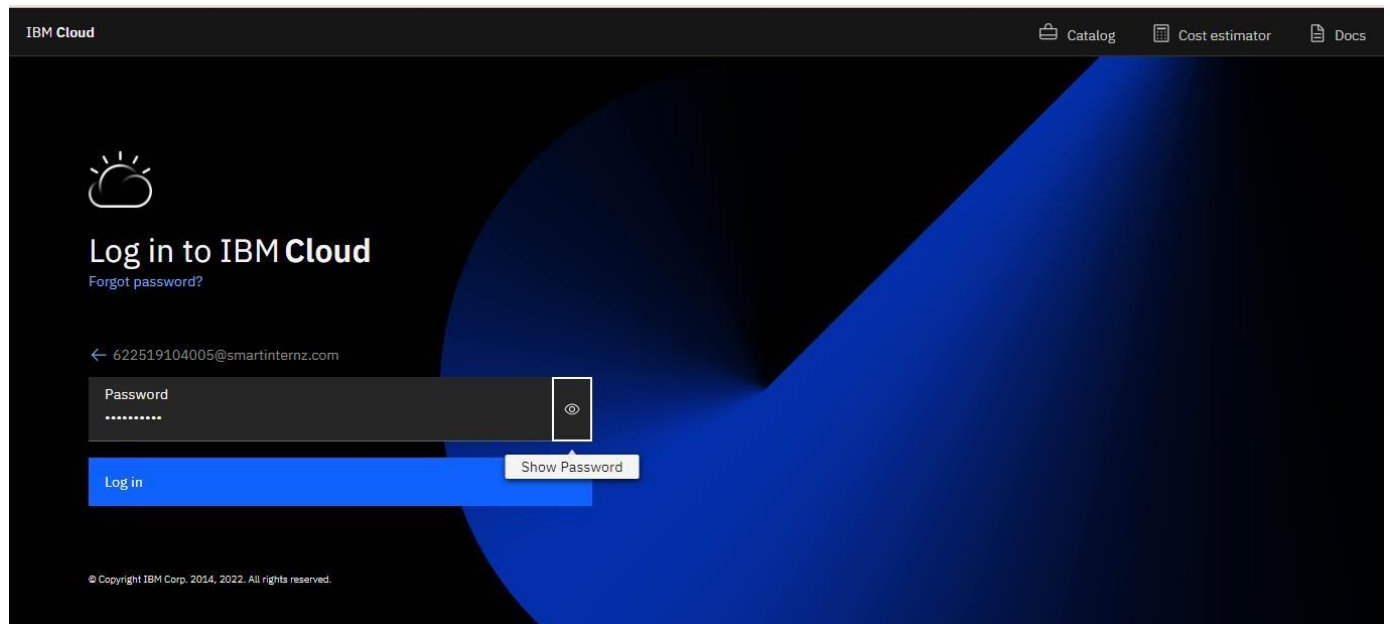
Continue →

[Forgot ID?](#)

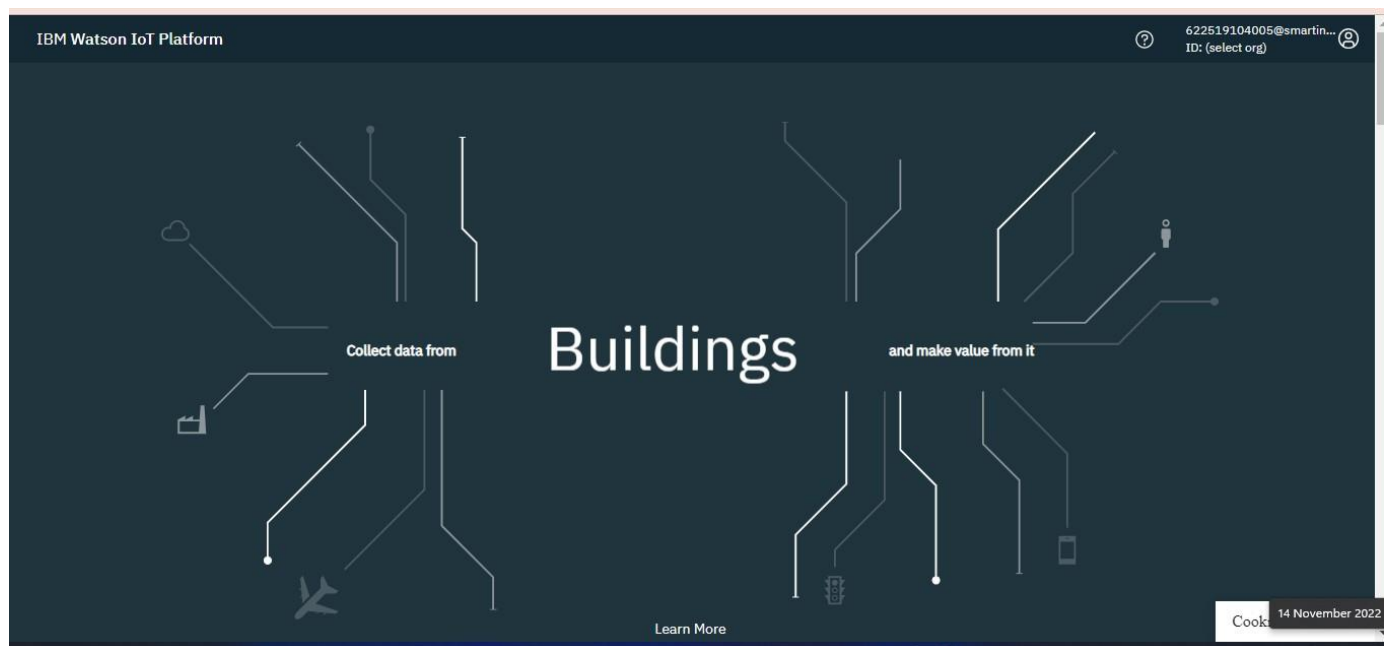
☐ Remember ID

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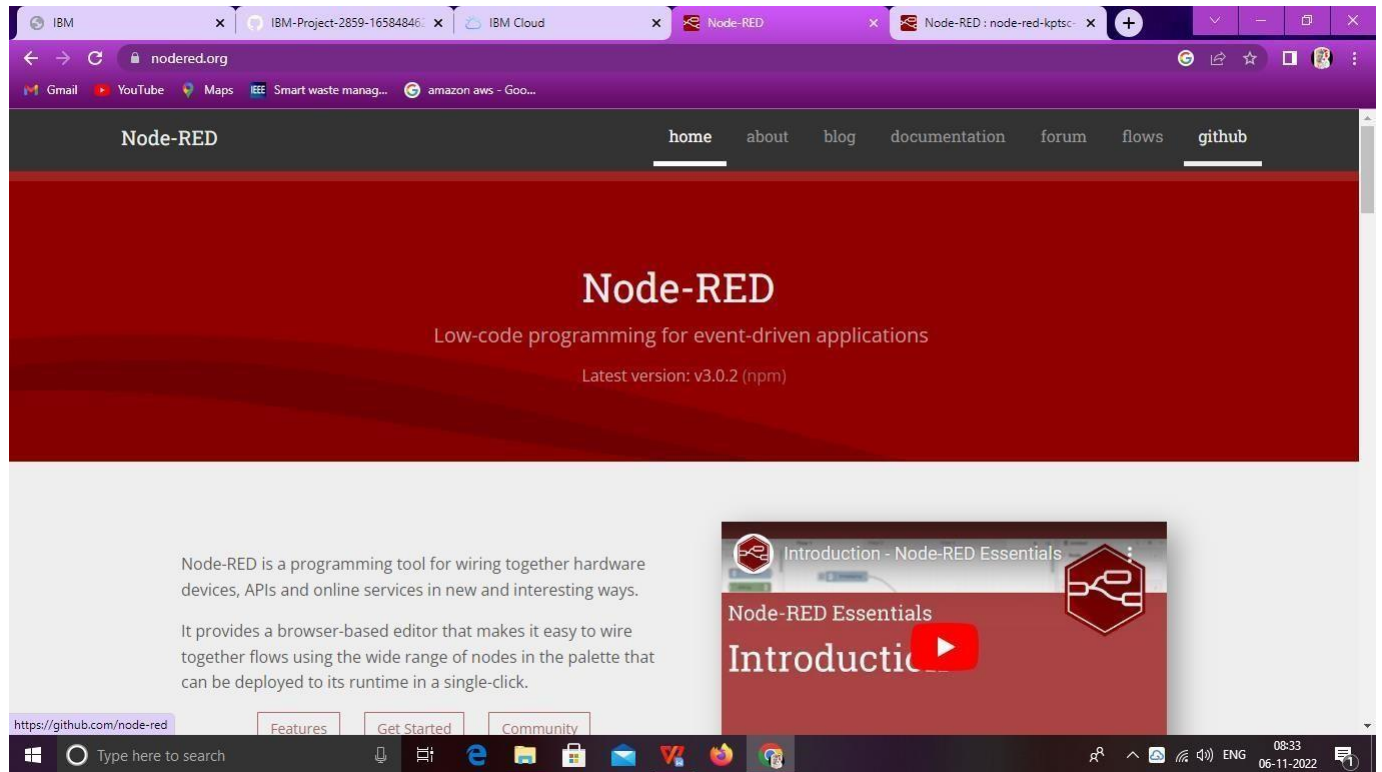
Cookie Preferences



IBM Watson IoT Platform



NODE-RED SERVICE



The screenshot shows a web browser window with the Node-RED website. The browser's address bar displays `nodered.org`. The website's navigation bar includes links for `home`, `about`, `blog`, `documentation`, `forum`, `flows`, and `github`. The main content area features a large red banner with the text "Node-RED" and "Low-code programming for event-driven applications". Below this, it states "Latest version: v3.0.2 (npm)". A section of text describes Node-RED as a programming tool for wiring together hardware devices, APIs, and online services. To the right of this text is a video player showing a video titled "Introduction - Node-RED Essentials". The browser's taskbar at the bottom shows various application icons and the system clock indicating 08:33 on 06-11-2022.

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

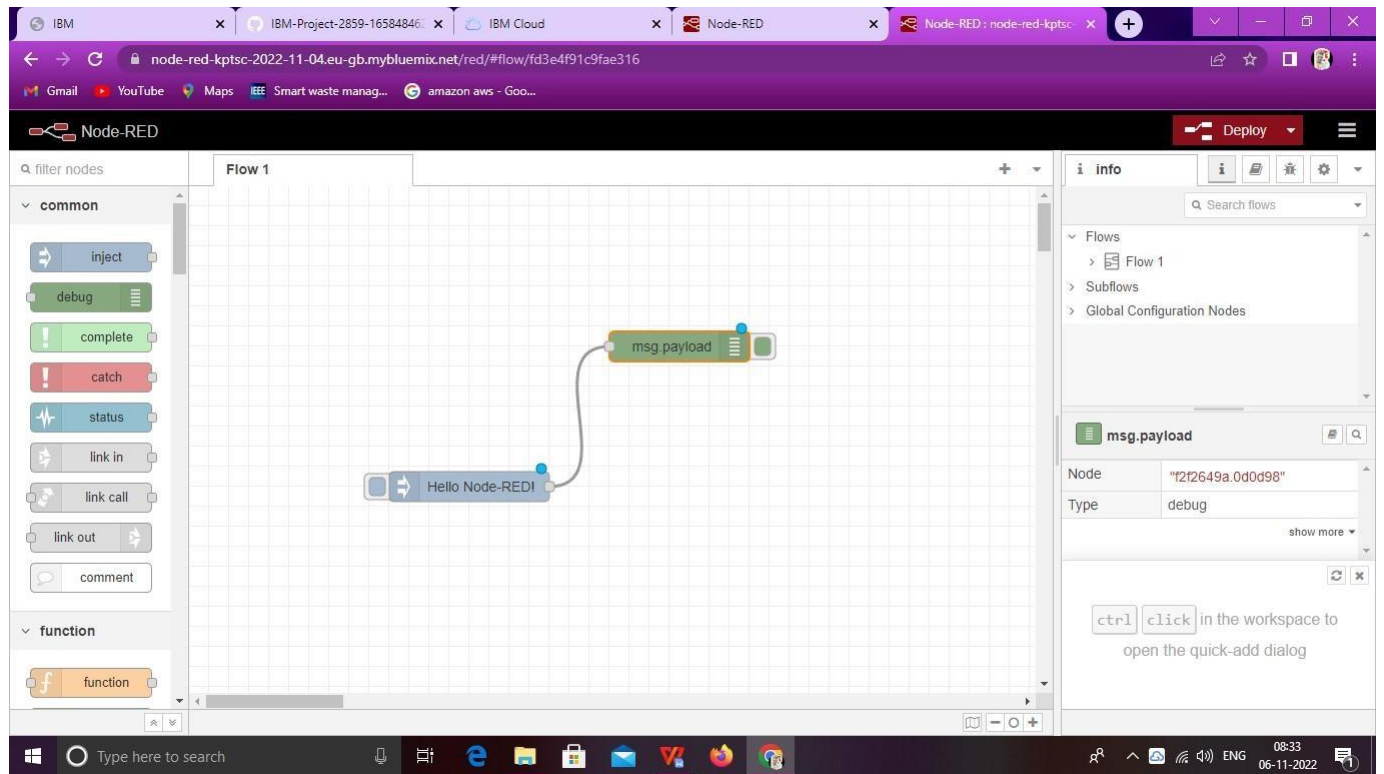
Introduction

https://github.com/node-red

Features Get Started Community

Type here to search

08:33 06-11-2022



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

Overview

Capacity

Docs

Launch Dashboard

Service credentials

Plan

Connections

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