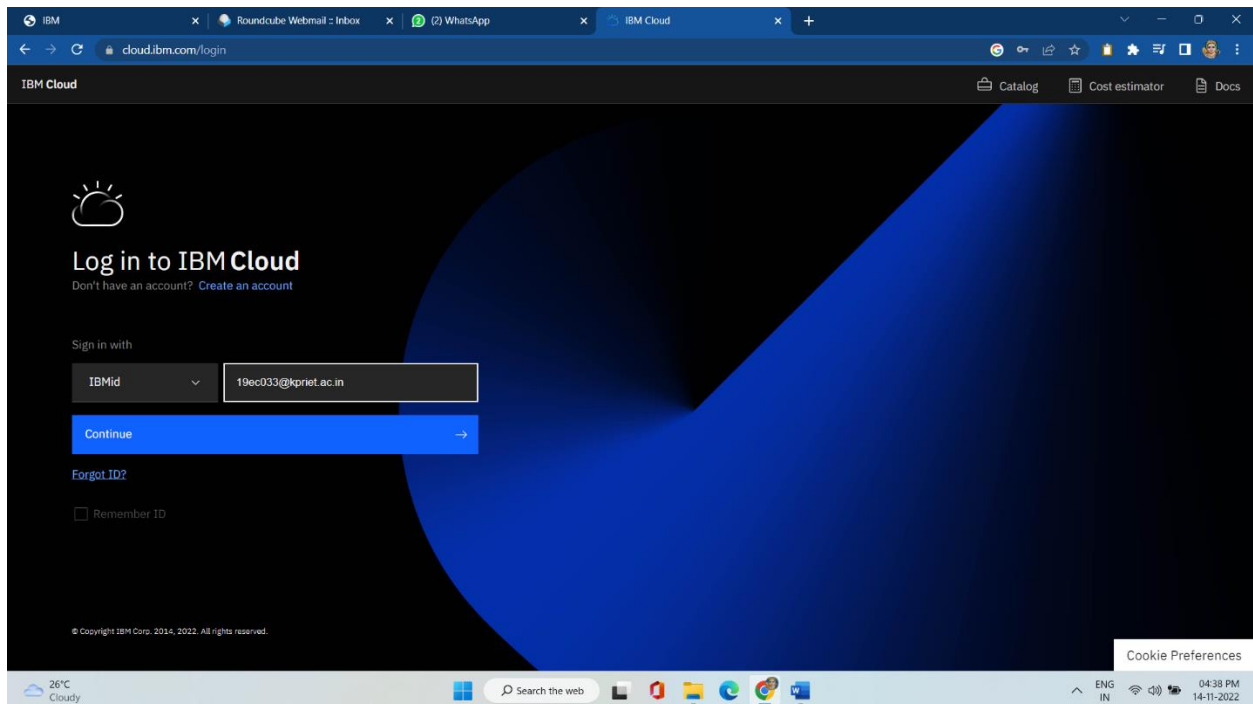


CREATE NODE-RED SERVICE

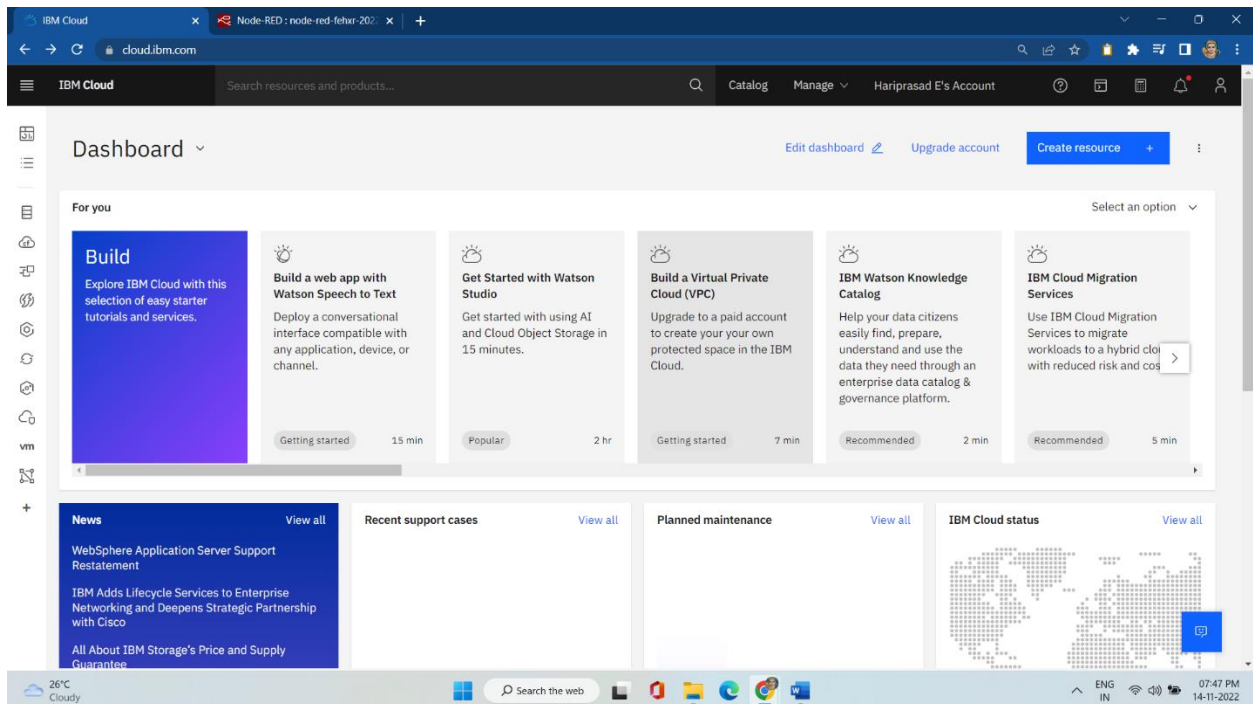
Date	14-11-2022
Team ID	PNT2022TMID14244
Project Name	Project - IOT based safety gadget for child safety monitoring and notification
Maximum Marks	4 Marks

STEPS:

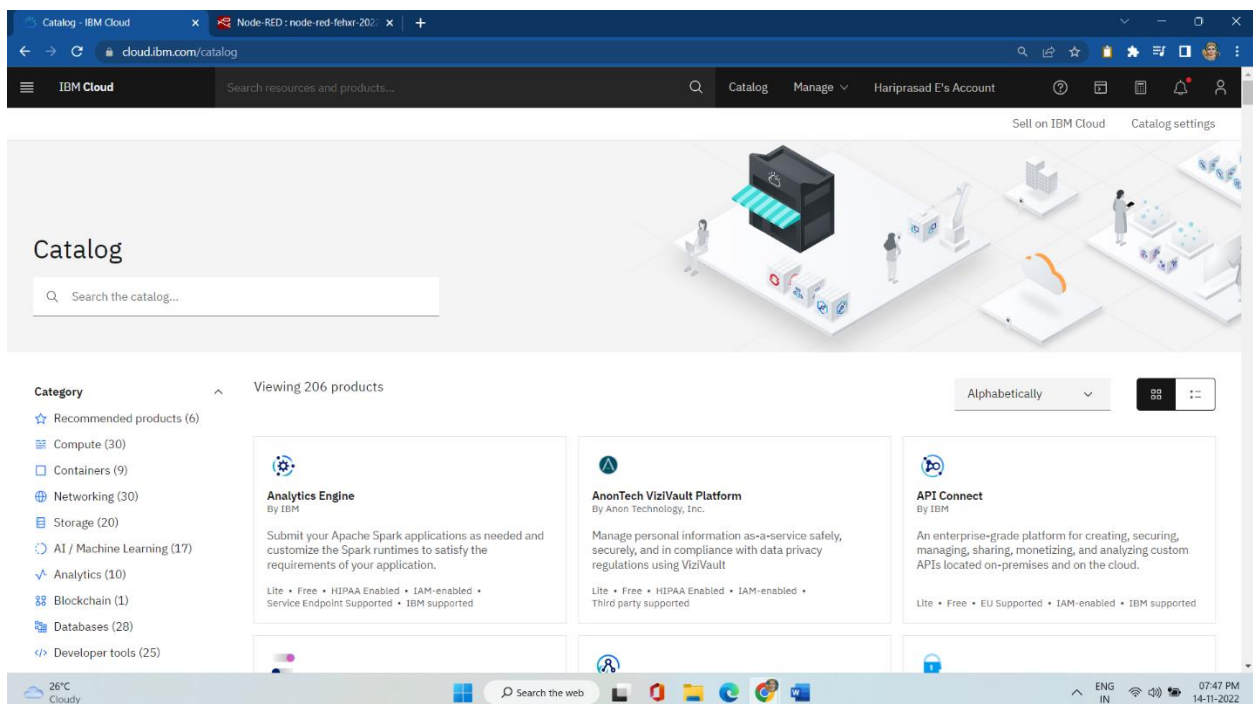
1. First create an IBM cloud account with IBMid and password



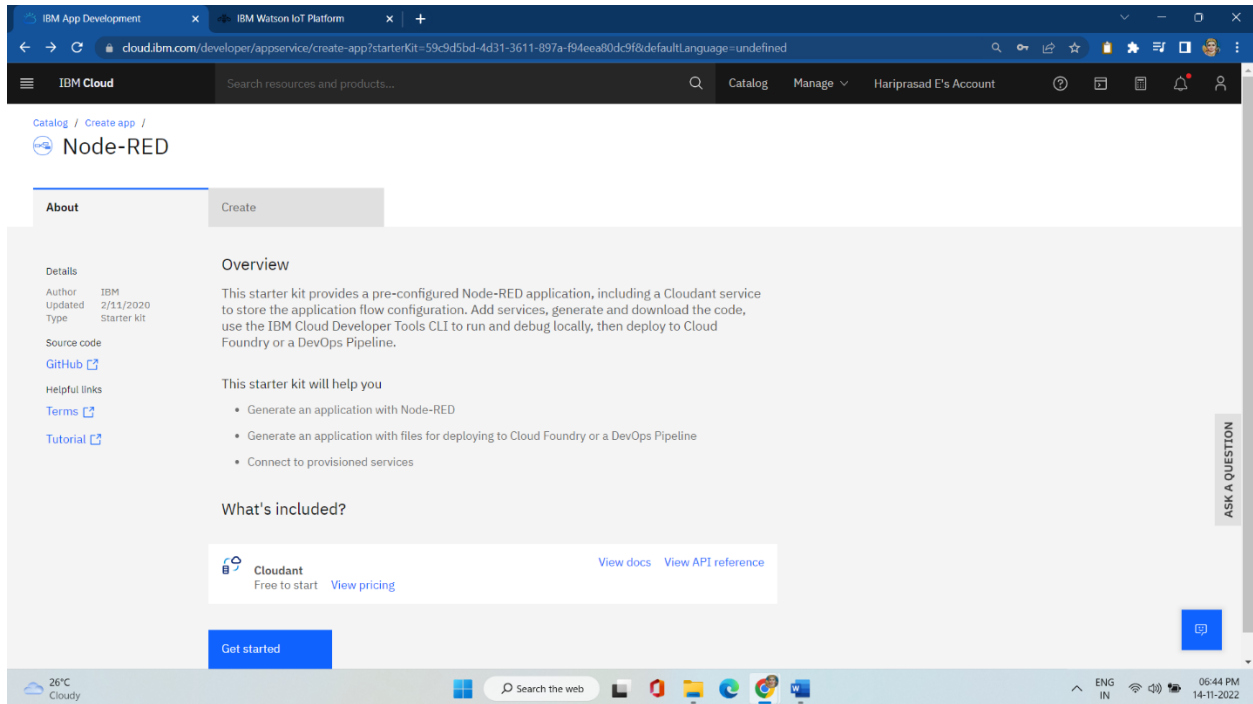
2. Home page of IBM cloud



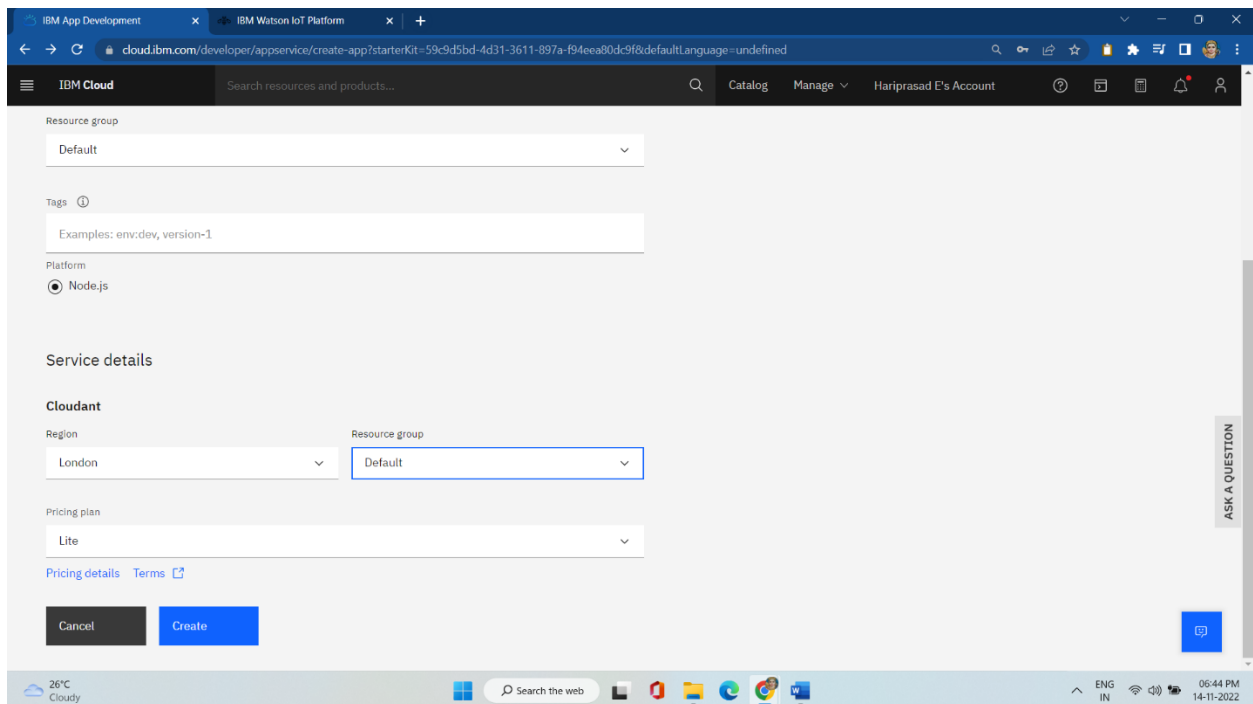
3. Click on the catalog on the top. Search for NODE-RED APP



4. Navigated to the App creation page



5. Entered project details and clicked on create



6. Clicking on the “Deploy your App” Button

The screenshot shows the IBM Cloud Developer console for an application named 'Node RED FEHXR 2022-11-14'. The interface includes a sidebar with 'Details' and 'Services' sections. The 'Details' section shows the App URL, Source (with a 'Download code' button), Resource group (Default), Deployment target, and Created date (11/14/2022). The 'Services' section lists 'Cloudant' with links to 'Open dashboard', 'Documentation', and 'API reference', and buttons for 'Connect existing services' and 'Create service'. The main content area features a 'Deployment Automation' card with a 'Deploy your app' button. A 'Getting started quickly' sidebar on the right provides a 5-step guide for configuring the app and deploying it. The bottom of the screen shows a Windows taskbar with the date and time as 06:54 PM on 14-11-2022.

7. Setting up the environment and deploying the app

The screenshot shows the IBM Cloud Developer console for the same application. The 'Deploy your app' button is highlighted in the 'Deployment Automation' section. The 'Getting started quickly' sidebar on the right provides a 5-step guide for configuring the app and deploying it. The bottom of the screen shows a Windows taskbar with the date and time as 06:54 PM on 14-11-2022.

8. Successfully deployed the app

The screenshot shows the IBM Cloud Developer console interface. The top navigation bar includes the IBM Cloud logo, a search bar, and user account information. The main content area displays the details for a deployment named 'Node RED FEHXR 2022-11-14'. The 'Details' section lists the App URL, Source, Resource group, Deployment target, and Created date. The 'Services' section shows the Cloudant service and options to connect existing services or create a new one. The 'Deployment Automation' section shows the deployment status as 'Success'. A 'Getting started quickly' sidebar on the right provides a list of steps for configuring the app.

Resource list / App details /

Node RED FEHXR 2022-11-14

Details

App URL	https://node-red-fehxr-2022-11-14.eu-gb.mybluemix.net
Source	https://eu-gb.git.cloud.ibm.com/19ec035/NodeREDFEHXR202...
Resource group	Default
Deployment target	Node RED FEHXR 2022-11-14
Created	11/14/2022

Services

Cloudant

Open dashboard Documentation API reference

Credentials

Connect existing services Create service

Deployment Automation

Name	NodeREDFEHXR2022-11-14
Location	London
Tool integrations	

Delivery Pipelines

Name	pr-pipeline
Status	No stages detected
Name	ci-pipeline
Status	Success

Getting started quickly

Configuring your app

To connect services and DevOps toolchains to your app:

1. Use the **Services** card to connect a service to your app. Select an existing service instance, or create a new one. [Learn more.](#)
2. If you want to view the code before your app is deployed, click **Download code** to obtain the .zip file.
3. Click **Deploy your app** in the **Deployment Automation** card to select the deployment target and configure the Continuous Delivery service. The deployment begins automatically.
4. After the deployment begins, you can view the status of the deployment, modify your app, view your repo, or view the app's URL.
5. If you make any changes to your app, be

9. Created new node-red ibm cloud created

The screenshot shows the Node-RED welcome page on IBM Cloud. The page has a header with the title 'Welcome to your new Node-RED instance on IBM Cloud'. Below the header, there is a message: 'We know you're eager to start wiring up your flows, but first there are a couple of tasks you should do:'. This is followed by a list of tasks: 'Secure your Node-RED editor' and 'Learn how to install additional nodes'. At the bottom of the page, there is a progress bar with four steps, the first of which is completed. There are 'Previous' and 'Next' buttons on the right side of the progress bar.

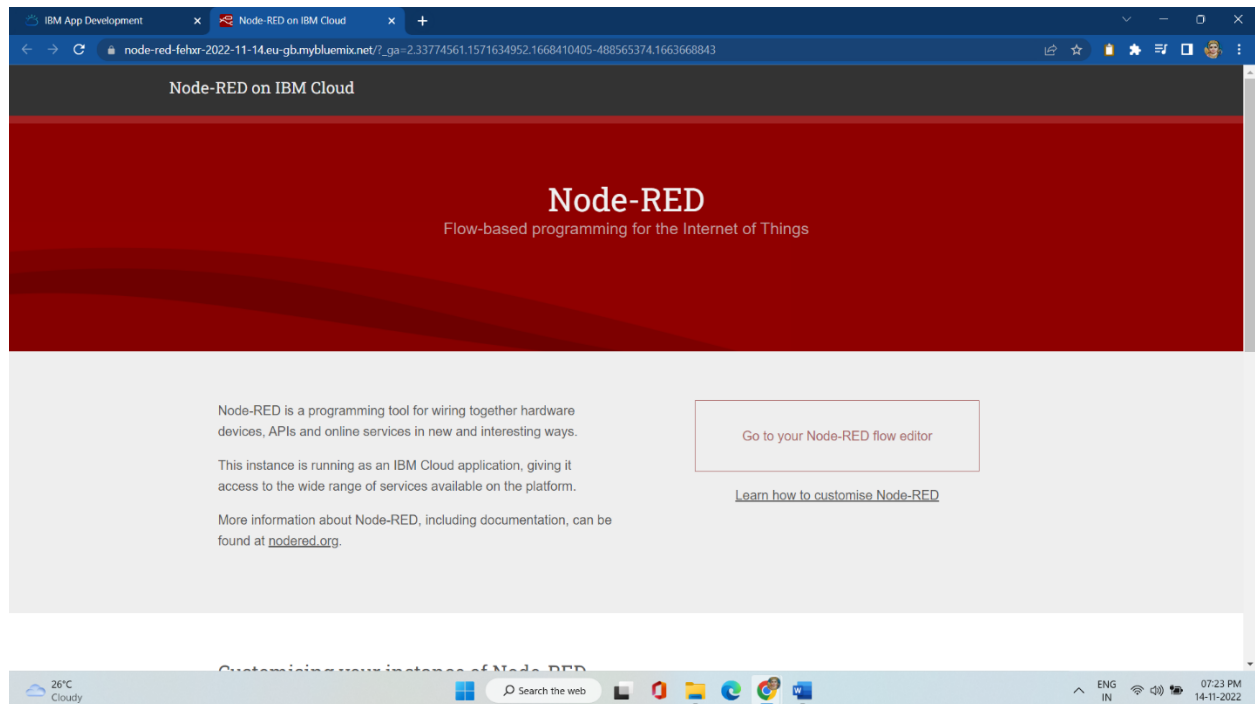
Welcome to your new Node-RED instance on IBM Cloud

We know you're eager to start wiring up your flows, but first there are a couple of tasks you should do:

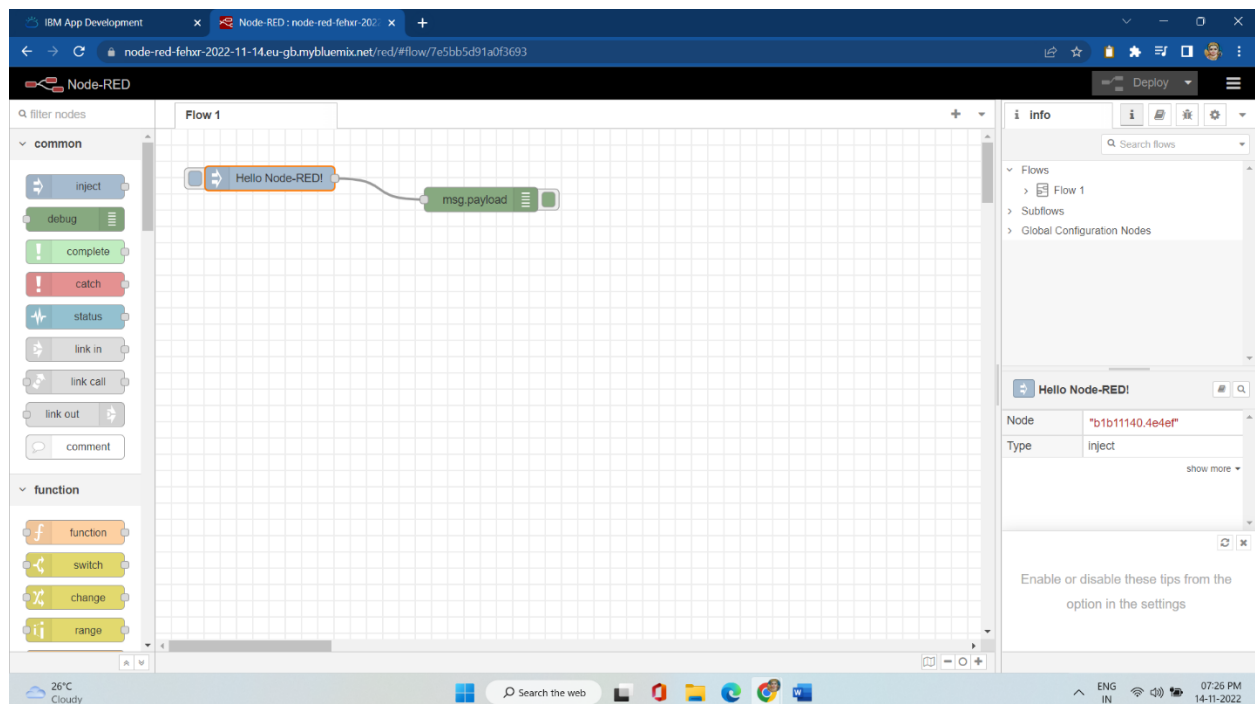
- Secure your Node-RED editor
- Learn how to install additional nodes

Previous Next

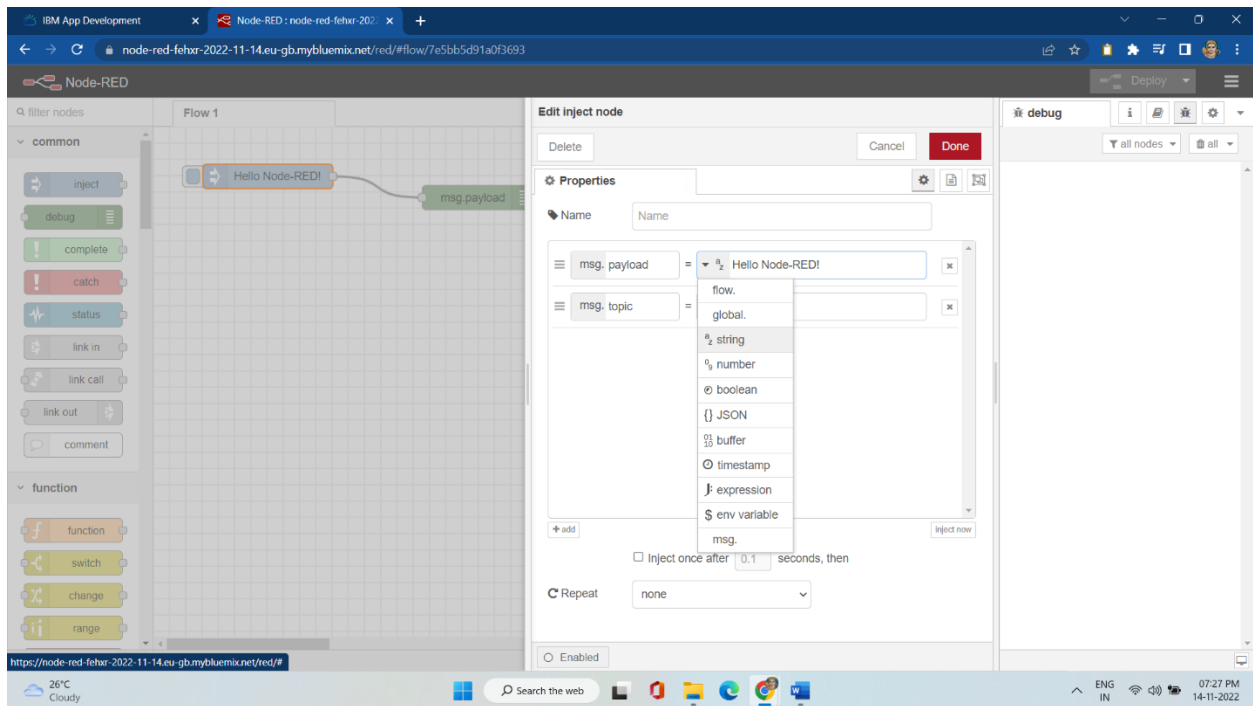
10. Get the node-red flow editor



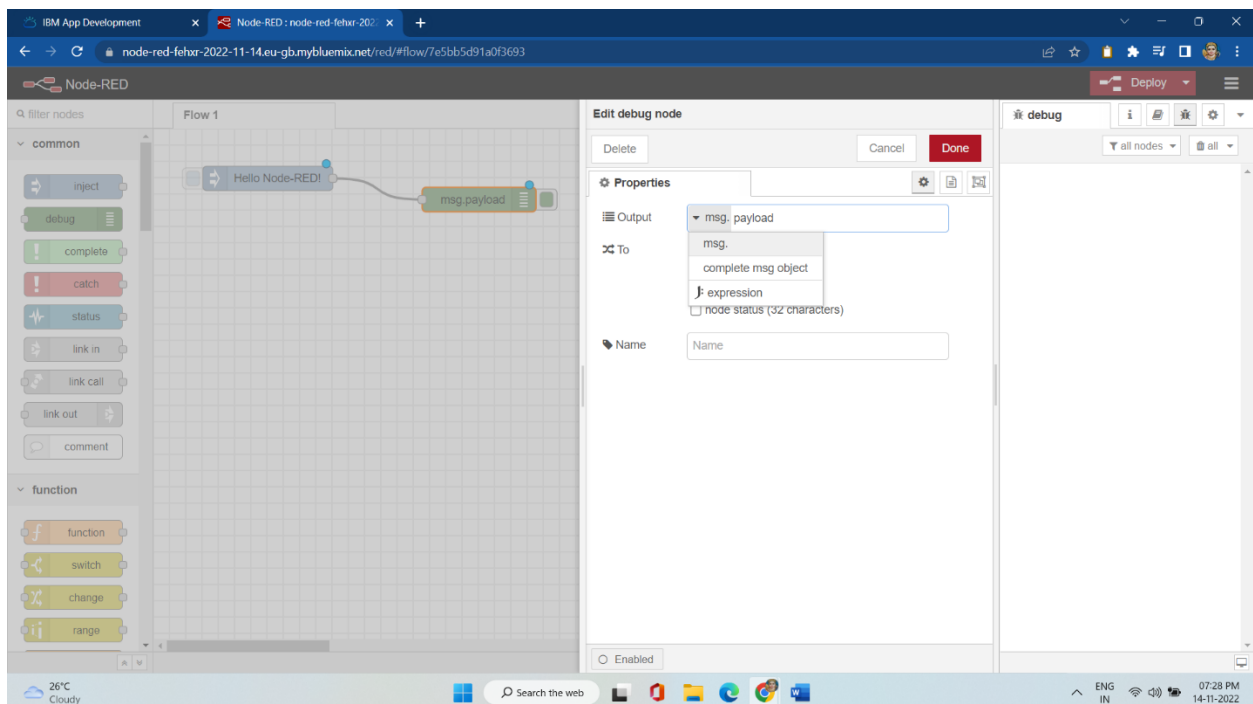
11. Dragged and dropped components into the editor



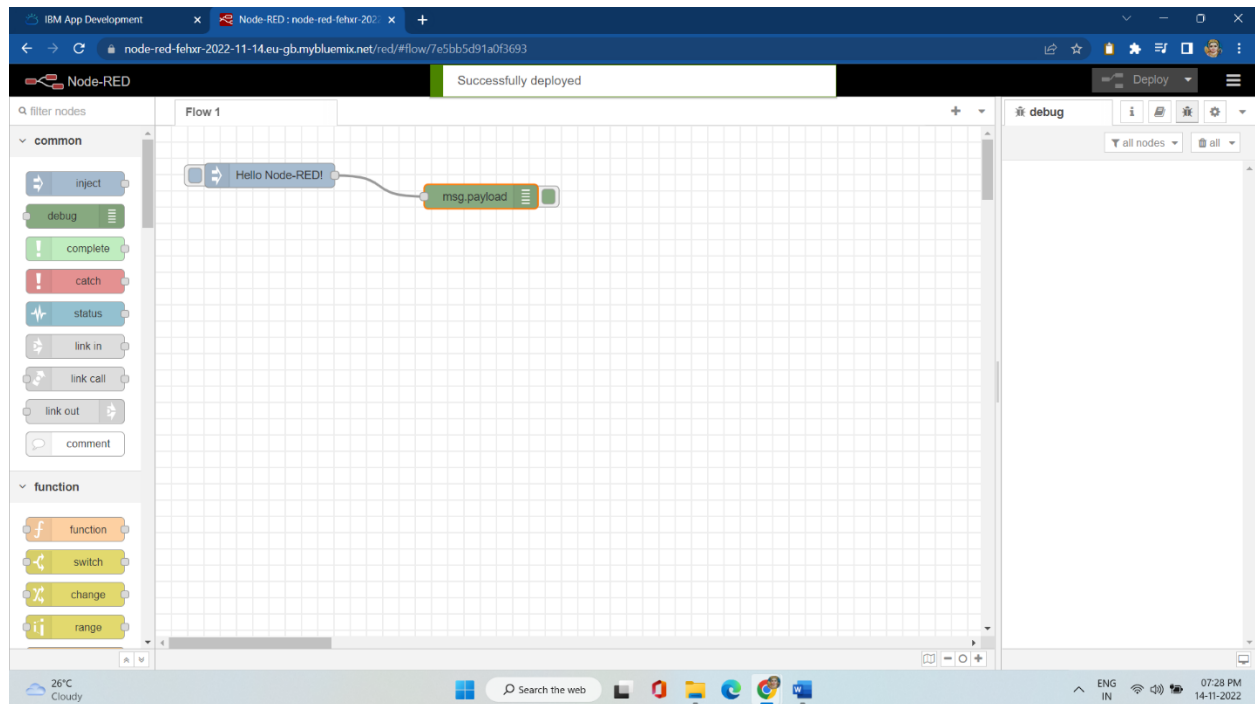
12. Editing some values of the properties in inject node



13. Editing some values of the properties in debug node



14. Successfully deployed the app



Result: . Successfully deployed the app for node-red service on ibm cloud