

# Create Node-RED Service

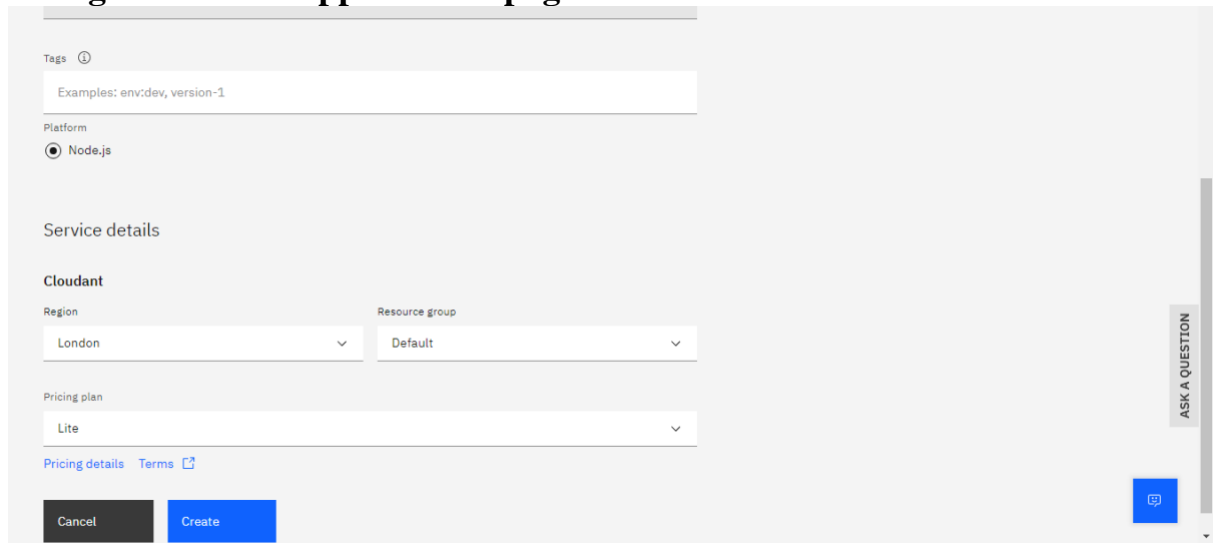
**Team ID:** PNT2022TMID51128

## **Aim:**

To create a web application create a Node-RED service.

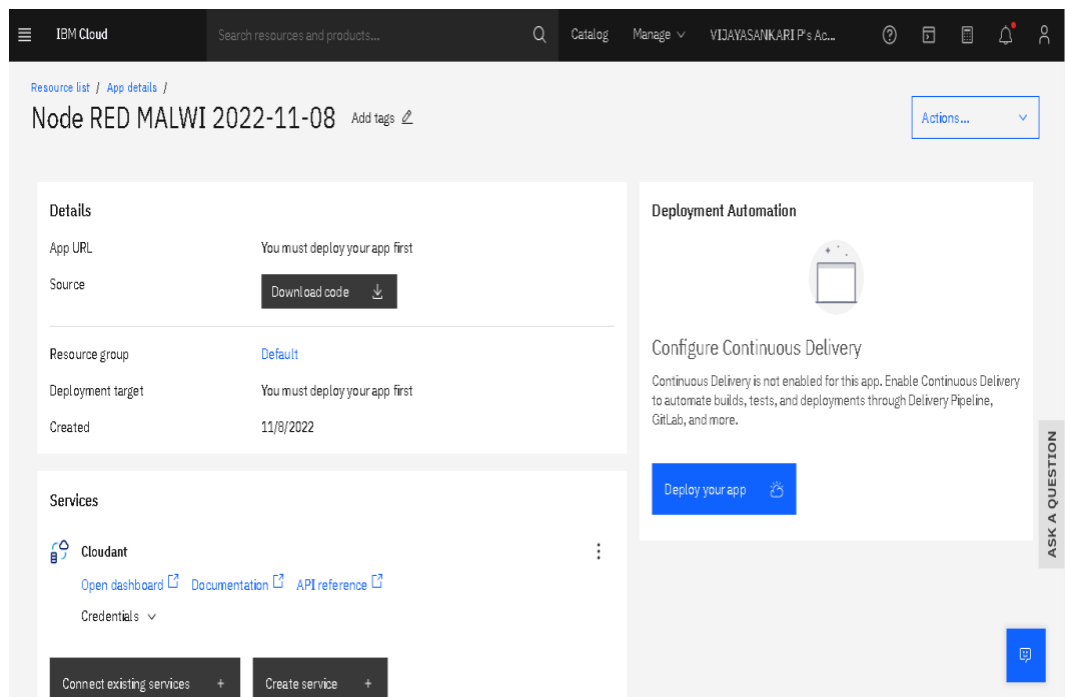
## **Steps followed:**

### ➤ Navigated to the App creation page



The screenshot shows the 'Create new app' page in IBM Cloud. The 'Platform' is set to 'Node.js'. Under 'Service details', the 'Cloudant' provider is selected. The 'Region' is 'London' and the 'Resource group' is 'Default'. The 'Pricing plan' is 'Lite'. There are links for 'Pricing details' and 'Terms'. At the bottom, there are 'Cancel' and 'Create' buttons. A vertical 'ASK A QUESTION' button is on the right side.

### ➤ Entered project details and clicked on create and Deploy your app



The screenshot shows the 'App details' page for 'Node RED MALWI 2022-11-08'. The page has a top navigation bar with 'IBM Cloud', a search bar, and user information. The main content area is divided into two columns. The left column contains 'Details' and 'Services'. The 'Details' section shows 'App URL' (empty), 'Source' (with a 'Download code' button), 'Resource group' (Default), 'Deployment target' (empty), and 'Created' (11/8/2022). The 'Services' section shows 'Cloudant' with links to 'Open dashboard', 'Documentation', and 'API reference', and a 'Credentials' dropdown. At the bottom of the services section are 'Connect existing services' and 'Create service' buttons. The right column contains 'Deployment Automation' with a 'Deploy your app' button. A vertical 'ASK A QUESTION' button is on the right side.

## ➤ Setting up the environment and deploying the app

The screenshot shows the IBM Cloud Foundry console interface. At the top, there's a navigation bar with the IBM Cloud logo and a search bar. Below the navigation bar, there's a dark banner with the message "IBM Cloud Foundry Public is deprecated." and a "Learn more" link. The main configuration area includes fields for "IBM Cloud API key", "Number of instances" (set to 1), "Memory allocation per instance" (a slider from 64 MB to 256 MB), "Region" (set to London), "Organization" (set to RIT7), "Space" (set to SANKARI), "Host" (set to node-red-malwt-2022-11-08), and "Domain" (set to eu-gb.mybluemix.net). A "New" button is visible next to the API key field. On the right side, there's a vertical "ASK A QUESTION" button.

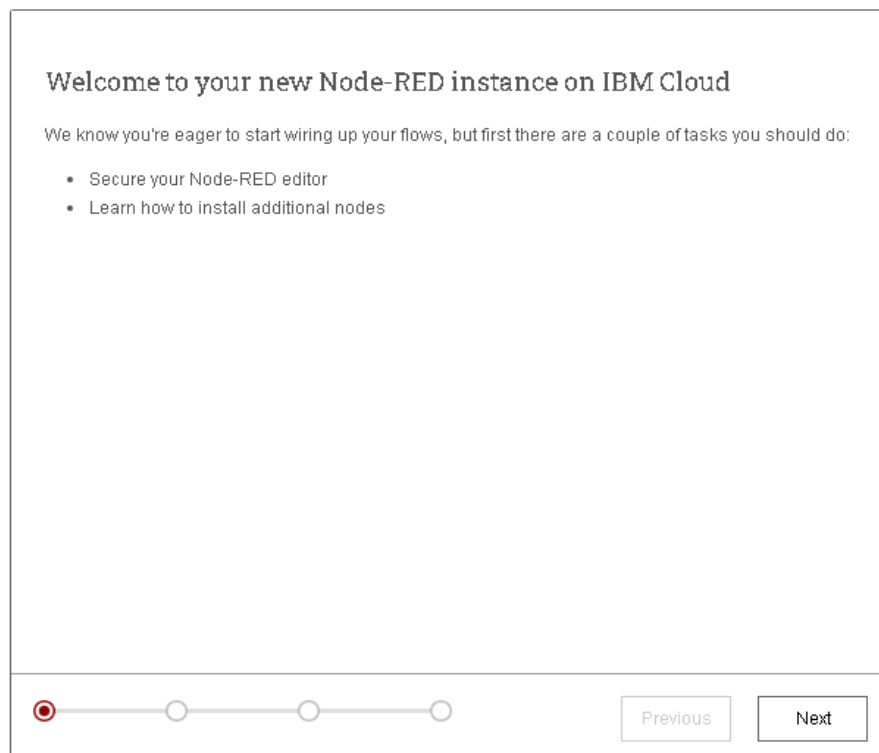
## ➤ Pipeline Succeeded

The screenshot shows the IBM Cloud CI Pipeline Dashboard. The top navigation bar is the same as the previous screenshot. Below the navigation bar, there's a dark banner with the message "IBM Cloud Foundry Public is deprecated." and a "Learn more" link. The main dashboard area has a "Run pipeline" button in the top right corner. Below the button, there's a table with the following columns: "Run", "Status", and "Trigger". The table contains one row with the following data: "Run" is "#1 simple-hosted-pipeline-f53ef05c-64b8-4b5a-bcb2-cdb86abe78e5", "Status" is "Succeeded", and "Trigger" is "Manual | manual-run". The table also shows the date and time of the run: "Nov 8, 3:43 PM" and "9m 36s". Below the table, there's a "Items per page" dropdown set to 25, and a "Page 1" indicator.

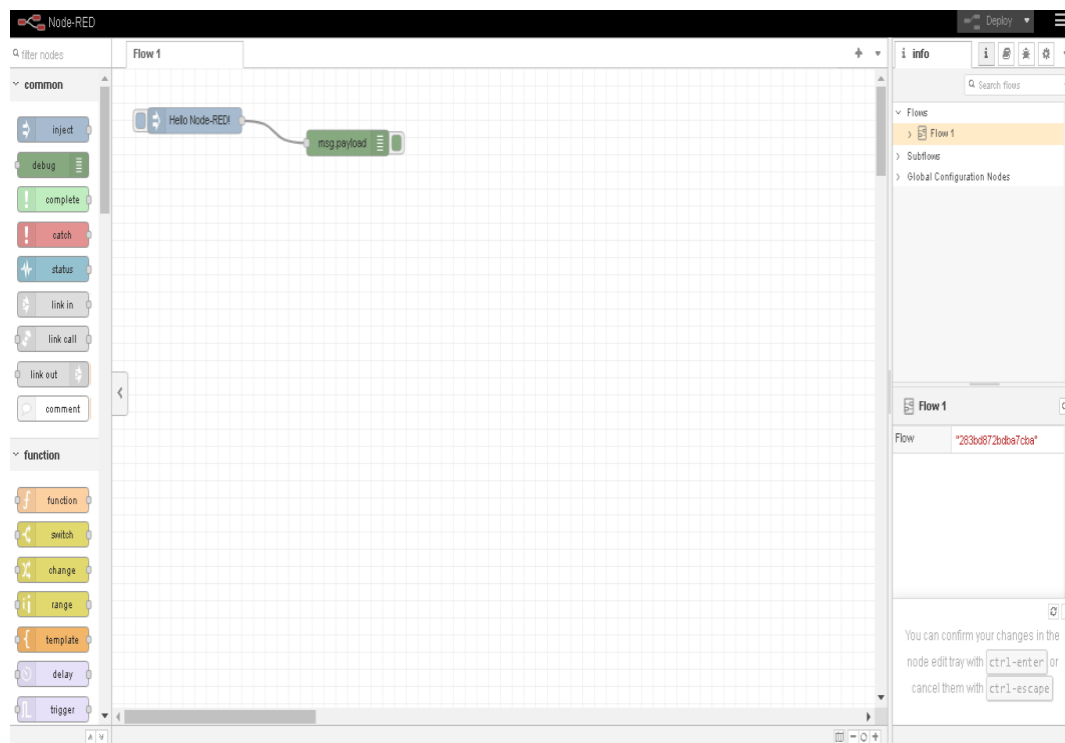
Run	Status	Trigger
#1 simple-hosted-pipeline-f53ef05c-64b8-4b5a-bcb2-cdb86abe78e5	Succeeded	Manual   manual-run

The screenshot shows the IBM Cloud Node RED MALWI 2022-11-08 resource details page. The top navigation bar is the same as the previous screenshots. Below the navigation bar, there's a dark banner with the message "IBM Cloud Foundry Public is deprecated." and a "Learn more" link. The main details area is divided into two sections: "Details" and "Services". The "Details" section contains the following information: "App URL" (You must deploy your app first), "Source" (https://eu-gb.gfk.cloud.ibm.com/953619106079/NodeREDMALWI20...), "Resource group" (Default), "Deployment target" (You must deploy your app first), and "Created" (11/8/2022). The "Services" section contains the following information: "Cloudant" (Open dashboard, Documentation, API reference), "Credentials" (Connect existing services, Create service). The "Deployment Automation" section contains the following information: "Name" (NodeREDMALWI2022-11-08), "Location" (London), "Tool integrations" (Visual Studio, Jenkins, GitHub Actions), "Delivery Pipelines" (pr-pipeline, ci-pipeline), and "Status" (Success).

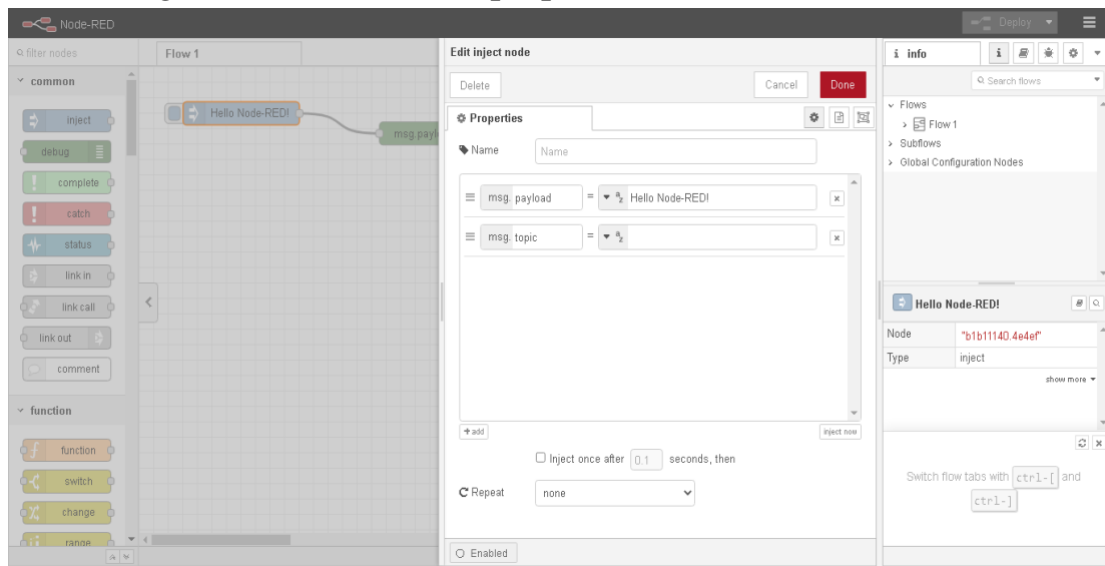
➤ Welcomed by the instance editor



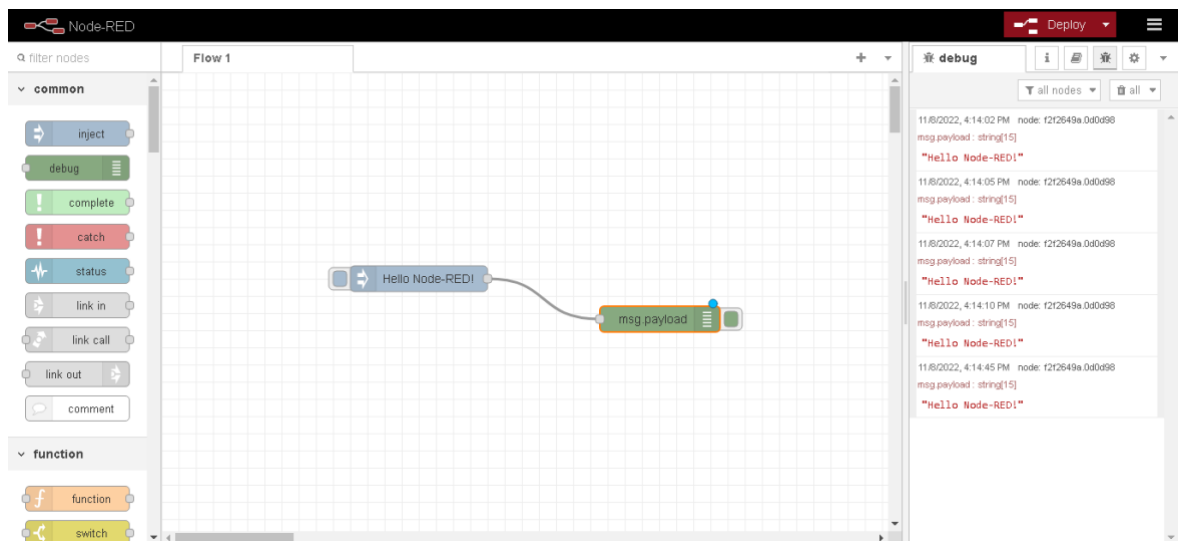
➤ Dragged and Drop the components in the editor



## ➤ Editing some values of the properties



## ➤ Successfully deploy



Result: Successfully created a Node RED service on IBM Cloud.