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### Create Node-RED Service

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

Steps:

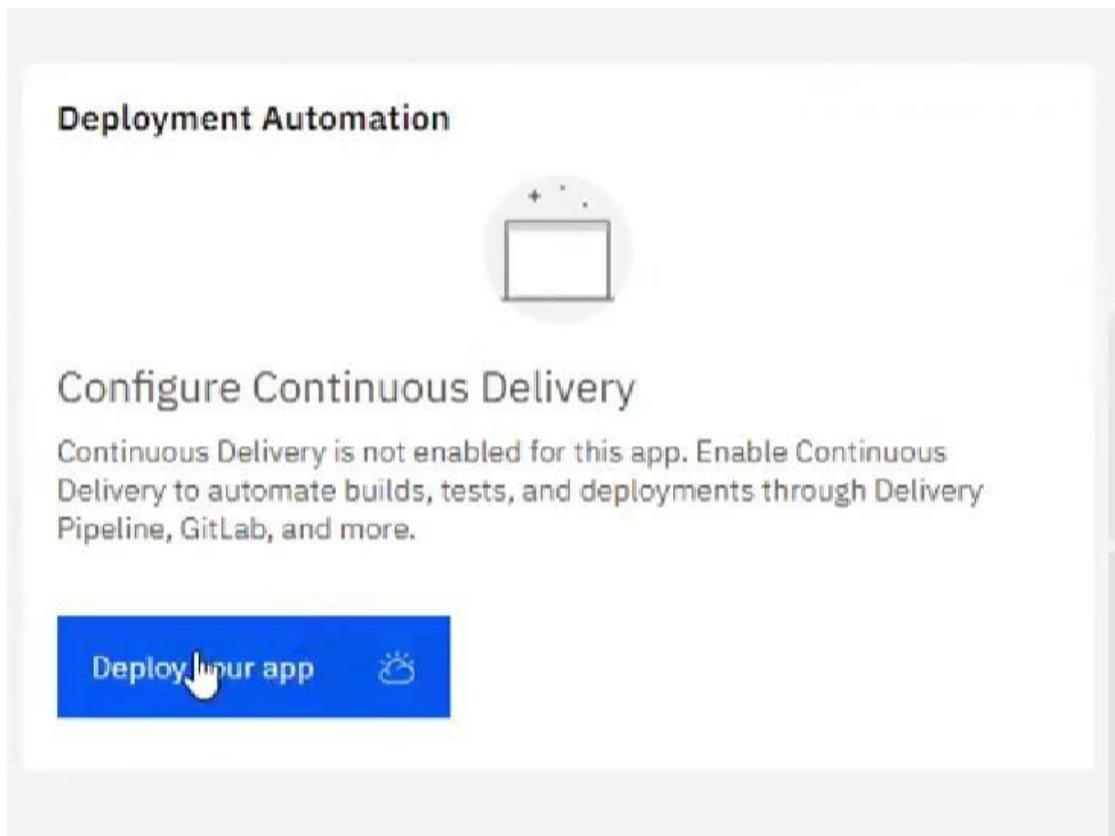
1. Navigated to the App creation page

The screenshot shows the IBM Cloud Catalog interface. At the top, there's a navigation bar with 'IBM Cloud' on the left and 'Catalog', 'Docs', 'Support', and 'Manage' on the right. Below the navigation bar, the URL 'Catalog / Create app /' is visible, followed by the title 'Node-RED'. There are two tabs: 'About' (which is currently selected) and 'Create'. The 'About' tab contains sections for 'Details' (Author: IBM, Updated: 2/11/2020, Type: Starter kit), 'Source code' (GitHub link), 'Helpful links', 'Terms' (link), and 'Tutorial' (link). The 'Create' tab has an 'Overview' section with a detailed description of the starter kit, mentioning Cloudant storage and the ability to run locally or deploy to Cloud Foundry or a DevOps Pipeline. Below the overview, there's a section titled 'This starter kit will help you' with three bullet points: 'Generate an application with Node-RED', 'Generate an application with files for deploying to Cloud Foundry or a DevOps Pipeline', and 'Connect to provisioned services'.

2. Enter project details and click on create

The screenshot shows the 'Create app' form for the Node-RED starter kit. At the top, there's a search bar with 'Examples: env:dev, version-1'. Below it, under 'Platform', 'Node.js' is selected. The main form is titled 'Service details' and includes sections for 'Cloudant' (Region: London, Resource group: Default), 'Pricing plan' (Lite), and links for 'Pricing details' and 'Terms'. At the bottom of the form, there's a progress bar with the status 'Creating app...' and a large blue 'Create' button.

3. Click on the “Deploy your App” Button



#### 4. Set up the environment and deploy the app

This screenshot shows the 'IBM Cloud' environment setup page. It includes a search bar, navigation links for Catalog, Docs, Support, and Manage, and a 'New' button. The main area is titled 'Number of instances' with a dropdown set to '1'. Below it, 'Memory allocation per instance' is set to '64 MB' on the left and '2000 MB' on the right, with a slider between them. There are also tabs for 'Region', 'Organization', and 'Space', each with a 'New' button. At the bottom, there are 'Host' and 'Domain' sections.

#### Delivery Pipelines

Name	ci-pipeline <a href="#">↗</a>
Status	<span>✓ Success <a href="#">↗</a></span>
Last input	Last commit by IBM Cloud DevOps Services (7 minutes ago) <a href="#">Clone from zip ↗</a>

## 5. Instance editor and set up credentials

### 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

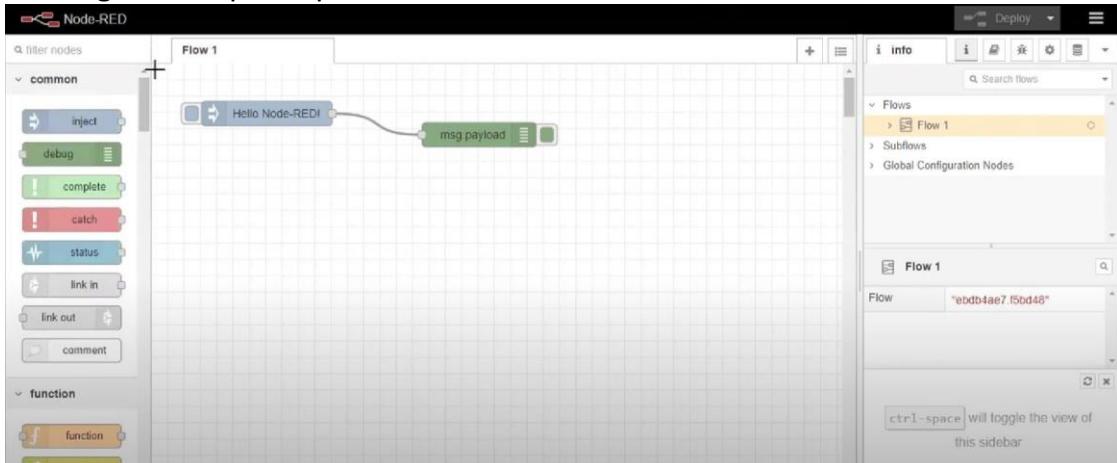
Secure your editor so only authorised users can access it

Not recommended: Allow anyone to access the editor and make changes

Your editor will not be secured. Anyone with the URL will be able to access your flows, data and bound services.

Tick this box to confirm you want your editor to be insecure

## 6. Drag and drop components into the editor



## 7. deployed the app



## CONCLUSION:

Created a NodeRED service on IBM Cloud Successfully