

# CREATE NODE-RED SERVICE

**Name:** veeramanimaran p

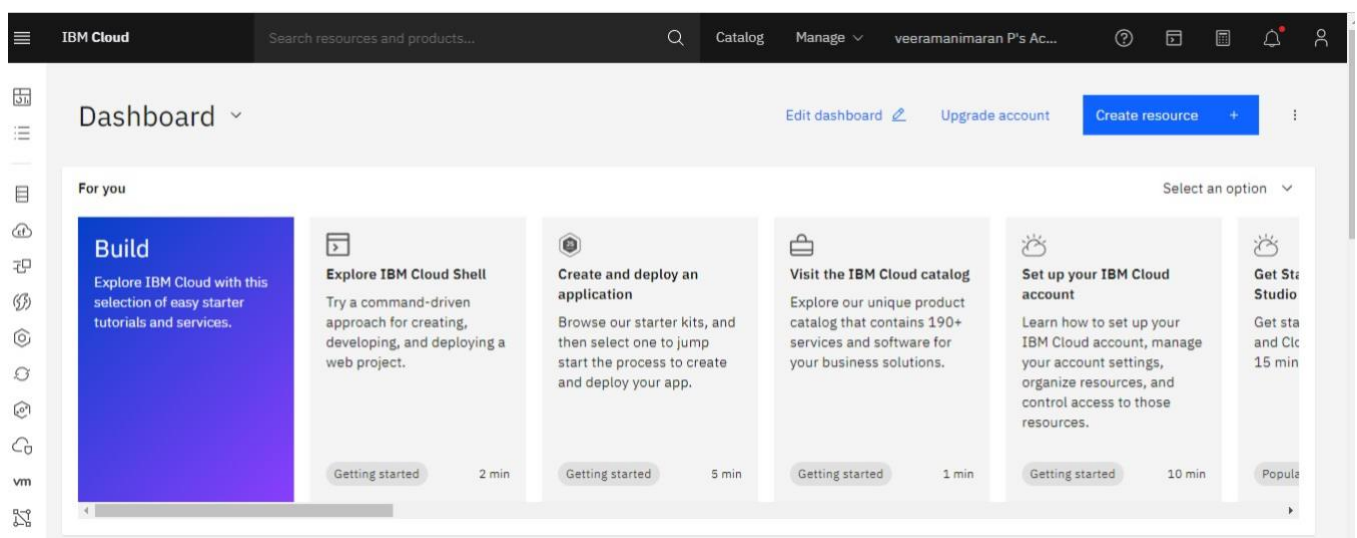
**Team ID:** PNT2022TMID51110

## Aim:

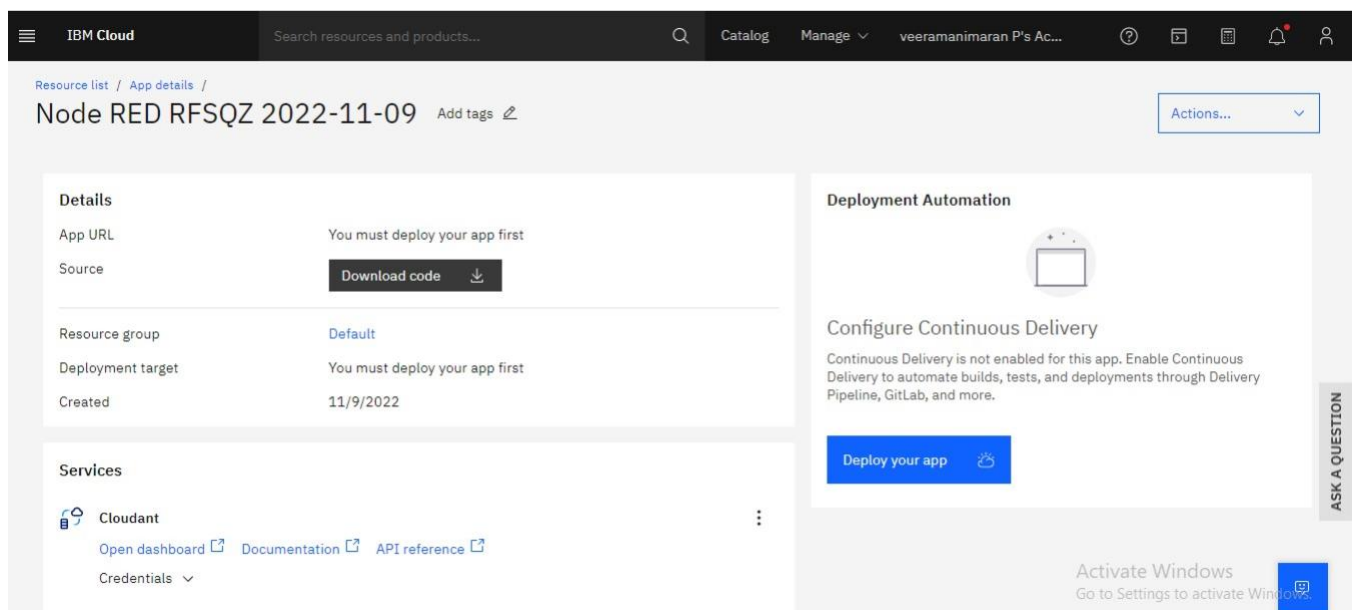
To create a web application create a Node-RED service.

## Step followed:

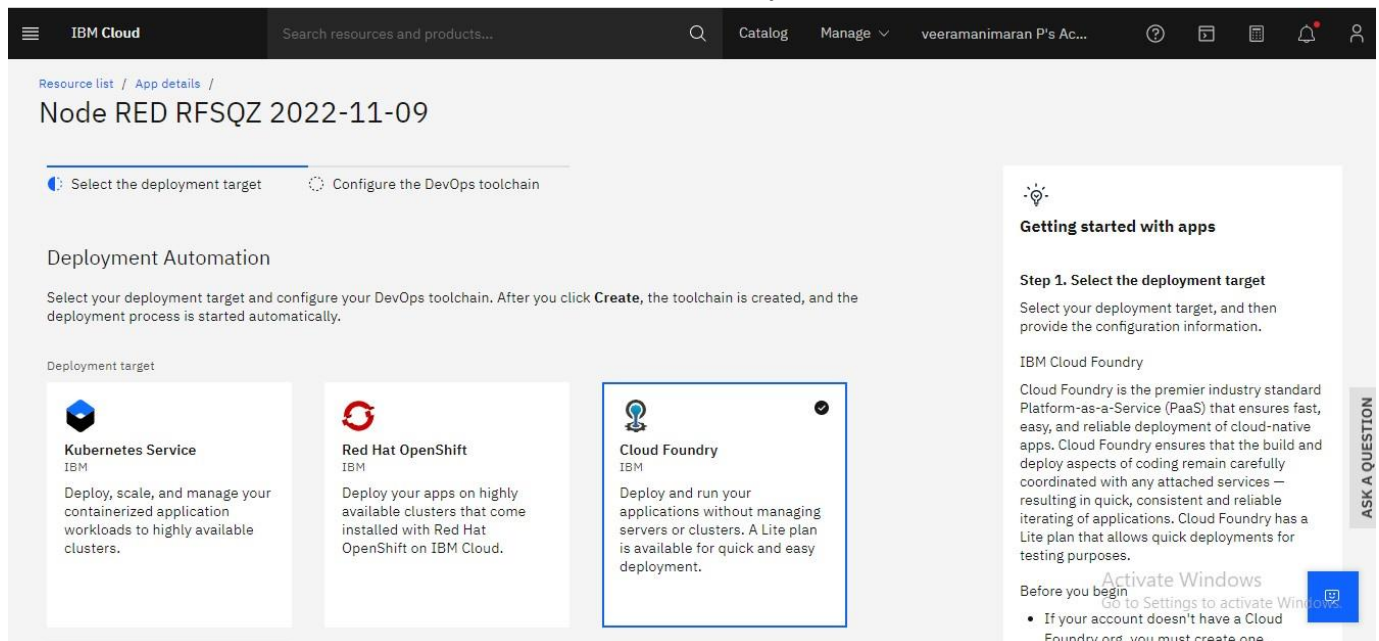
- Navigated to the App creation page



- Entered project details and clicked on create and Deploy your app



## ➤ After this move towards the cloud Factory



Resource list / App details /


### Node RED RFSQZ 2022-11-09


Select the deployment target | Configure the DevOps toolchain


#### Deployment Automation

Select your deployment target and configure your DevOps toolchain. After you click **Create**, the toolchain is created, and the deployment process is started automatically.

Deployment target

**Kubernetes Service**  
IBM  
Deploy, scale, and manage your containerized application workloads to highly available clusters.

**Red Hat OpenShift**  
IBM  
Deploy your apps on highly available clusters that come installed with Red Hat OpenShift on IBM Cloud.

**Cloud Foundry**  
IBM  
Deploy and run your applications without managing servers or clusters. A Lite plan is available for quick and easy deployment.

#### Getting started with apps

##### Step 1. Select the deployment target

Select your deployment target, and then provide the configuration information.

IBM Cloud Foundry

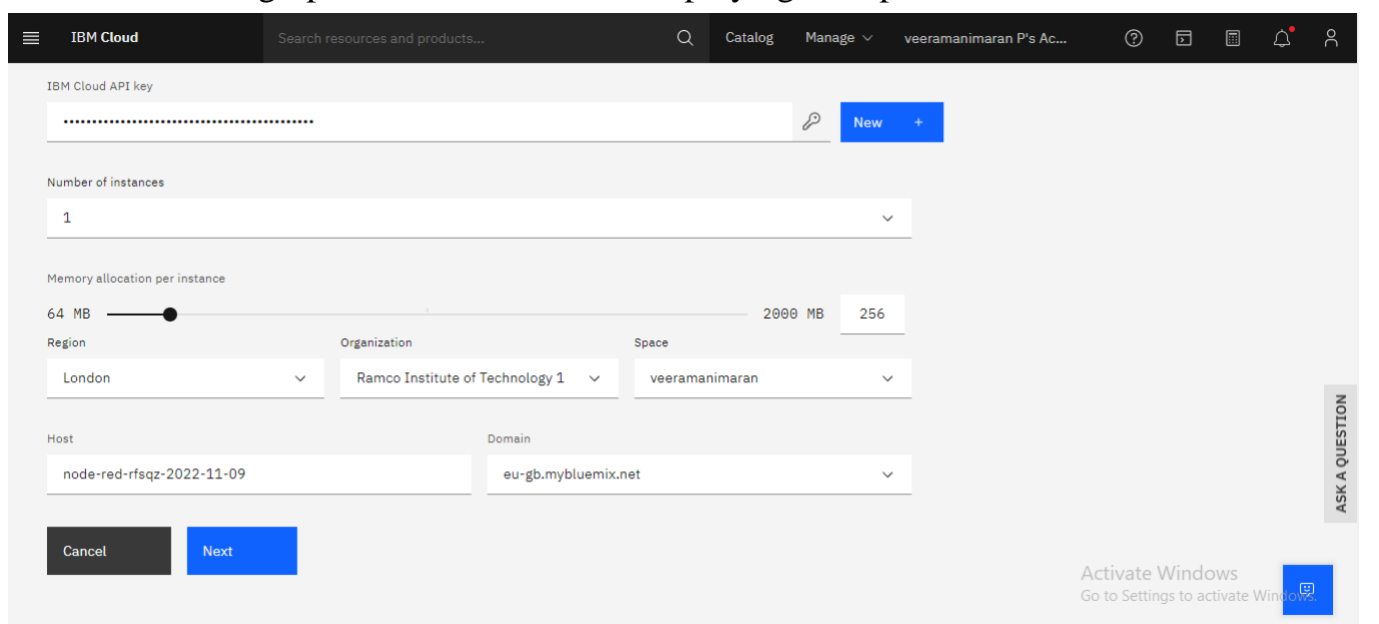
Cloud Foundry is the premier industry standard Platform-as-a-Service (PaaS) that ensures fast, easy, and reliable deployment of cloud-native apps. Cloud Foundry ensures that the build and deploy aspects of coding remain carefully coordinated with any attached services — resulting in quick, consistent and reliable iterating of applications. Cloud Foundry has a Lite plan that allows quick deployments for testing purposes.

Before you begin

- If your account doesn't have a Cloud Foundry org, you must create one.

ASK A QUESTION

## ➤ Setting up the environment and deploying the ap



IBM Cloud API key

Number of instances

Memory allocation per instance

64 MB — 2000 MB 256

Region Organization Space

London Ramco Institute of Technology 1 veeramanimaran

Host Domain

node-red-rfsqz-2022-11-09 eu-gb.mybluemix.net

Cancel Next

ASK A QUESTION

➤ After this move towards the cloud Factory

IBM Cloud

Search resources and products...

Q

Catalog

Manage

veeramanimaran P's Ac...

Toolchains / NodeREDRFSQZ2022-11-09 /

ci-pipeline Dashboard

PipelineRuns

Definitions

Worker

Triggers

Environment properties

Other settings

Status: All

Trigger: All

☐

Run

Status

☐

#1 simple-hosted-pipeline-0ef79053-ca3a-4b5f-b05d-b751af55788b

Succeeded

Nov 9

Manual

manual-run

8m 5s

Items per page: 25

1 - 1 items

Activate

Go to Settings

## ➤ After Running

The screenshot displays the IBM Cloud console interface. At the top, there's a navigation bar with the IBM Cloud logo, a search bar, and user information. The main content area is divided into two columns. The left column, titled 'Details', lists the App URL, Source, Resource group, Deployment target, and Created date. The right column, titled 'Deployment Automation', shows the Name, Location, Tool integrations, and Delivery Pipelines. A 'Services' section at the bottom left offers links to Cloudant, Open dashboard, Documentation, and API reference. A 'Connect existing services' and 'Create service' button is also present. A Windows activation watermark is visible in the bottom right corner.

Details	
App URL	<a href="https://node-red-rfsqz-2022-11-09.eu-gb.mybluemix.net">https://node-red-rfsqz-2022-11-09.eu-gb.mybluemix.net</a>
Source	<a href="https://eu-gb.git.cloud.ibm.com/953619106076/NodeREDRFSQZ20...">https://eu-gb.git.cloud.ibm.com/953619106076/NodeREDRFSQZ20...</a>
Resource group	Default
Deployment target	Node RED RFSQZ 2022-11-09
Created	11/9/2022

Deployment Automation	
Name	NodeREDRFSQZ2022-11-09
Location	London
Tool integrations	
Delivery Pipelines	
Name	pr-pipeline
Status	No stages detected
Name	ci-pipeline
Status	Success

**Services**

Cloudant

[Open dashboard](#) [Documentation](#) [API reference](#)

Credentials ▾

[Connect existing services](#) [Create service](#)

## ➤ Welcomed by the instance editor

The screenshot shows the welcome screen of the Node-RED instance editor. It features a heading 'Welcome to your new Node-RED instance on IBM Cloud' and a subheading 'We know you're eager to start wiring up your flows, but first there are a couple of tasks you should do:'. Below this, there are two bullet points: 'Secure your Node-RED editor' and 'Learn how to install additional nodes'. At the bottom, there is a progress bar with four steps, the first of which is highlighted. To the right of the progress bar are 'Previous' and 'Next' buttons.

### 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

Progress bar: 1 of 4 steps completed

[Previous](#) [Next](#)

Next...

### Secure your Node-RED editor

☐ 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

Previous

Next

Next....

### Finish the install

You have made the following selections:

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

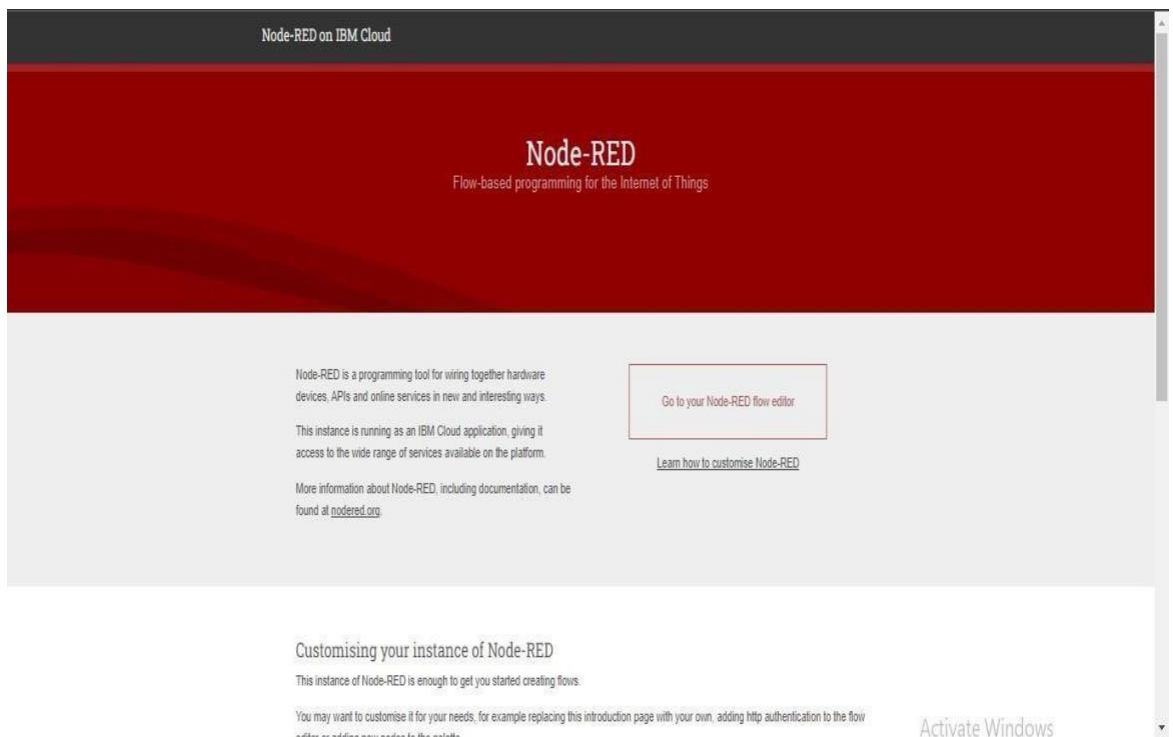
You can change these settings at any time by setting the following environment variables via the IBM Cloud console:

- NODE\_RED\_USERNAME - the username
- NODE\_RED\_PASSWORD - the password
- NODE\_RED\_GUEST\_ACCESS - if set to 'true', allows anyone read-only access to the editor

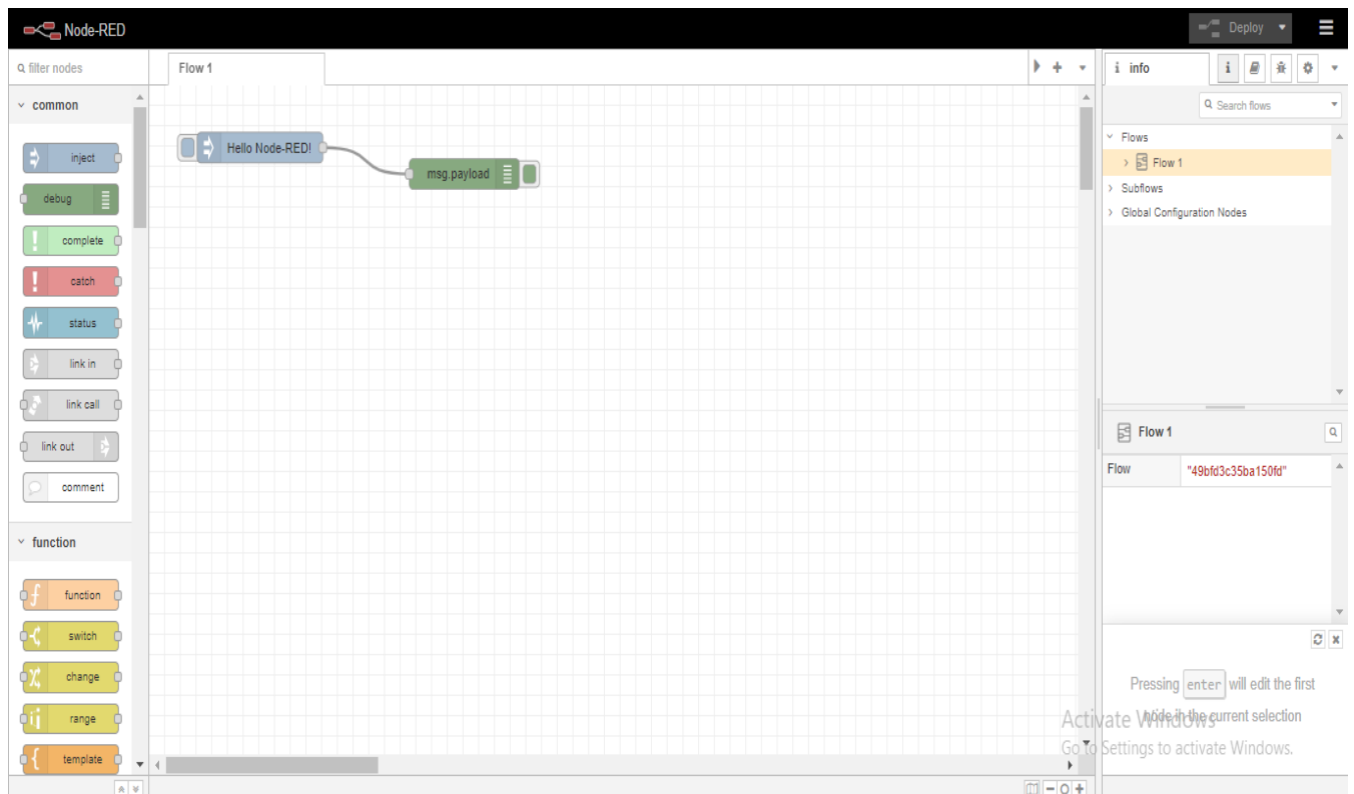
Previous

Finish

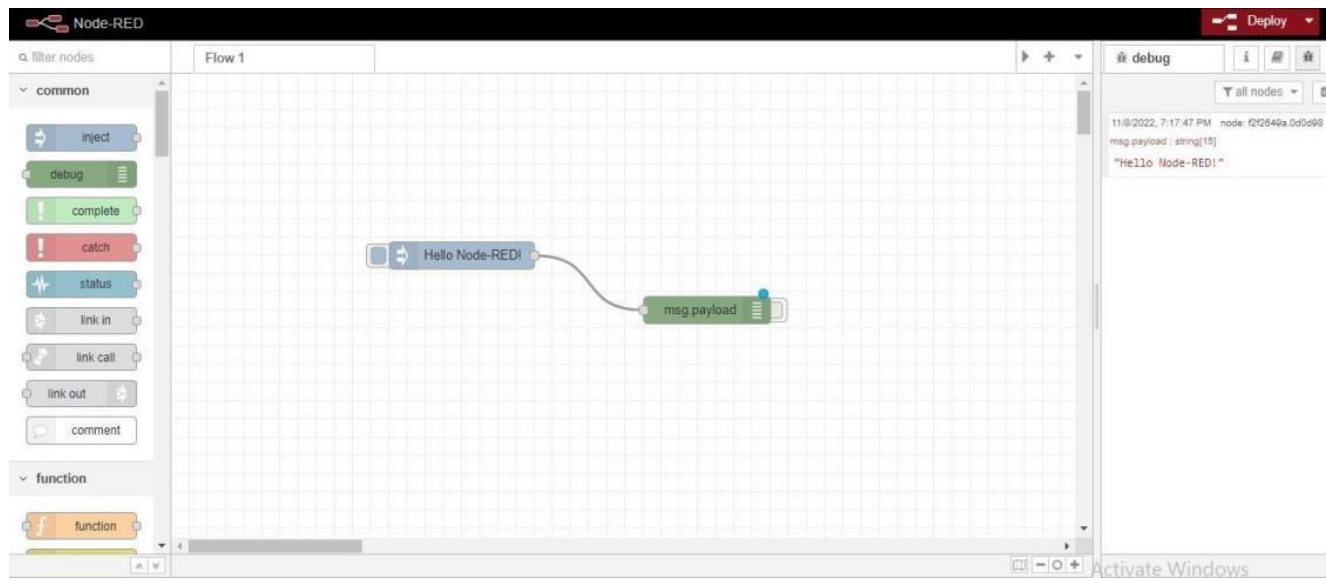
## ➤ Node-Red on IBM Cloud



## ➤ Dragged and Drop the components in the editor



➤ Successfully deploy



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