



# **Experiment Number**

Name :: Rishabh Anand UID :: 19BCS4525

Branch :: CSE - IoT Sec/Grp :: 1/A

Semester :: 6<sup>th</sup> Date :: 2<sup>nd</sup> Mar, 2022

Subject :: CCIoT Lab CODE :: CSD-387

#### 1. Aim:

Create a Node-RED starter application in IBM Cloud including a Cloudant database to store the application flow configuration.

#### 2. Task:

1. Create a Node-RED starter application in IBM Cloud including a Cloudant database to store the application flow configuration

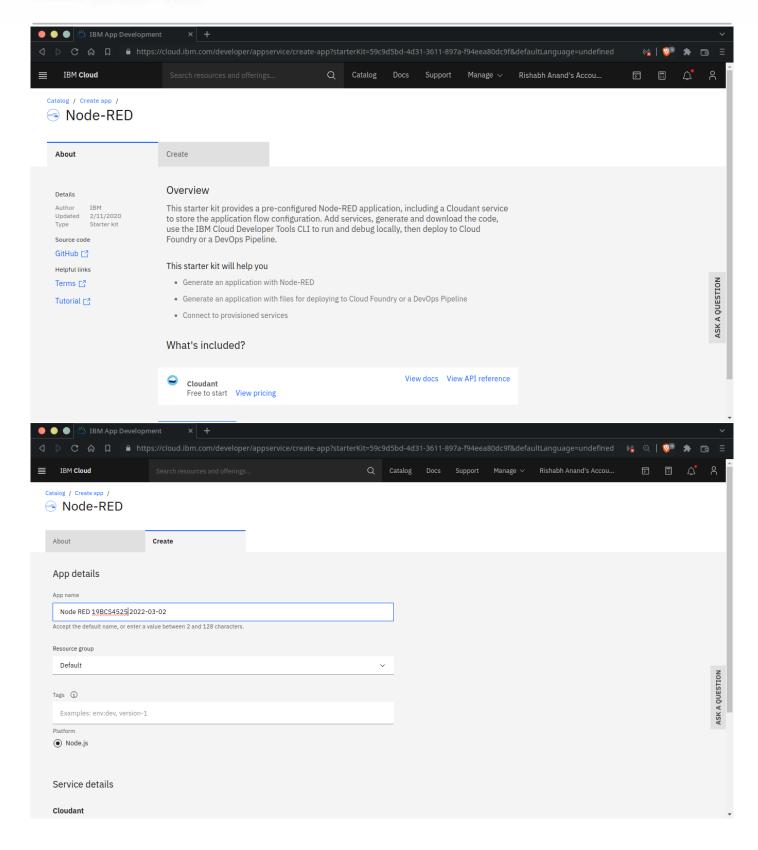
### **3. Steps:**

- Login to IBM cloud and click on Catalog -; Link and select Node-RED App.
- Then create Node-RED app with Cloudant Database by selection free pricing.
- Then generate App Url by clicking on Ci-Pipeline link on bottom right.
- At Ci-Pipeline dashboard you will have to activate simple-hosted-pipeline to generate App Url.
- Then click on App Url and select second GIT-Repo link.
- Then commit changes in package.json file.
- You have to add "node-red-dashboard": "2.x" under the dependencies object.





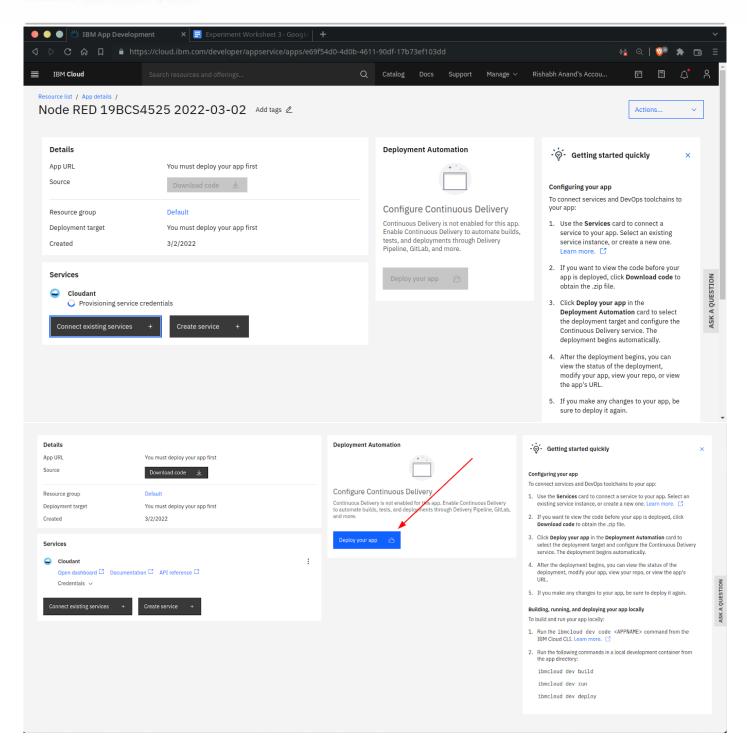






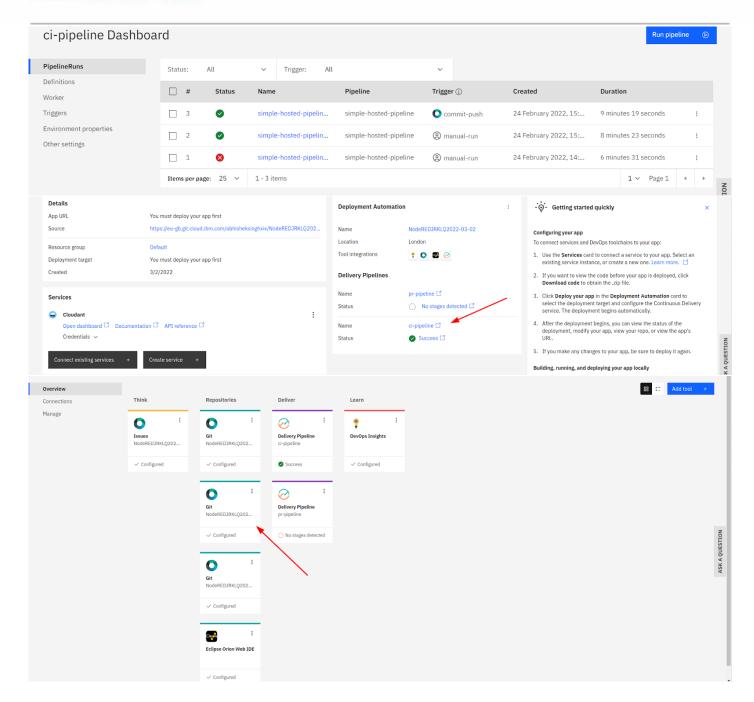


















Welcome to your new Node-RED instance on IBM Cloud

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







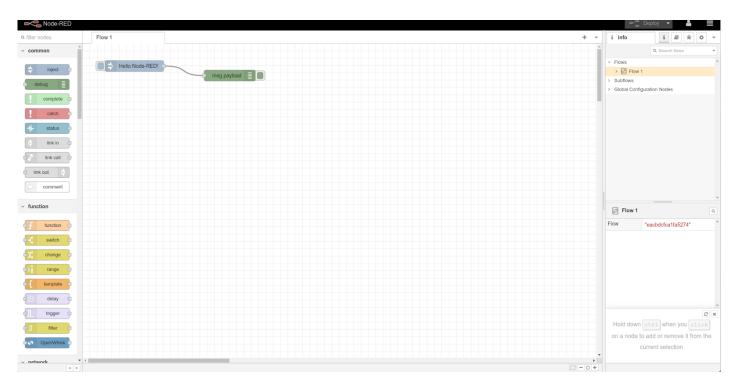
Applying your settings and starting Node-RED	
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### 4. Observations:



## **Learning Outcomes:**

• Cloudant Database

S. No.	Parameters	Marks Obtained	Maximum Marks
1.			
2.			
3.			