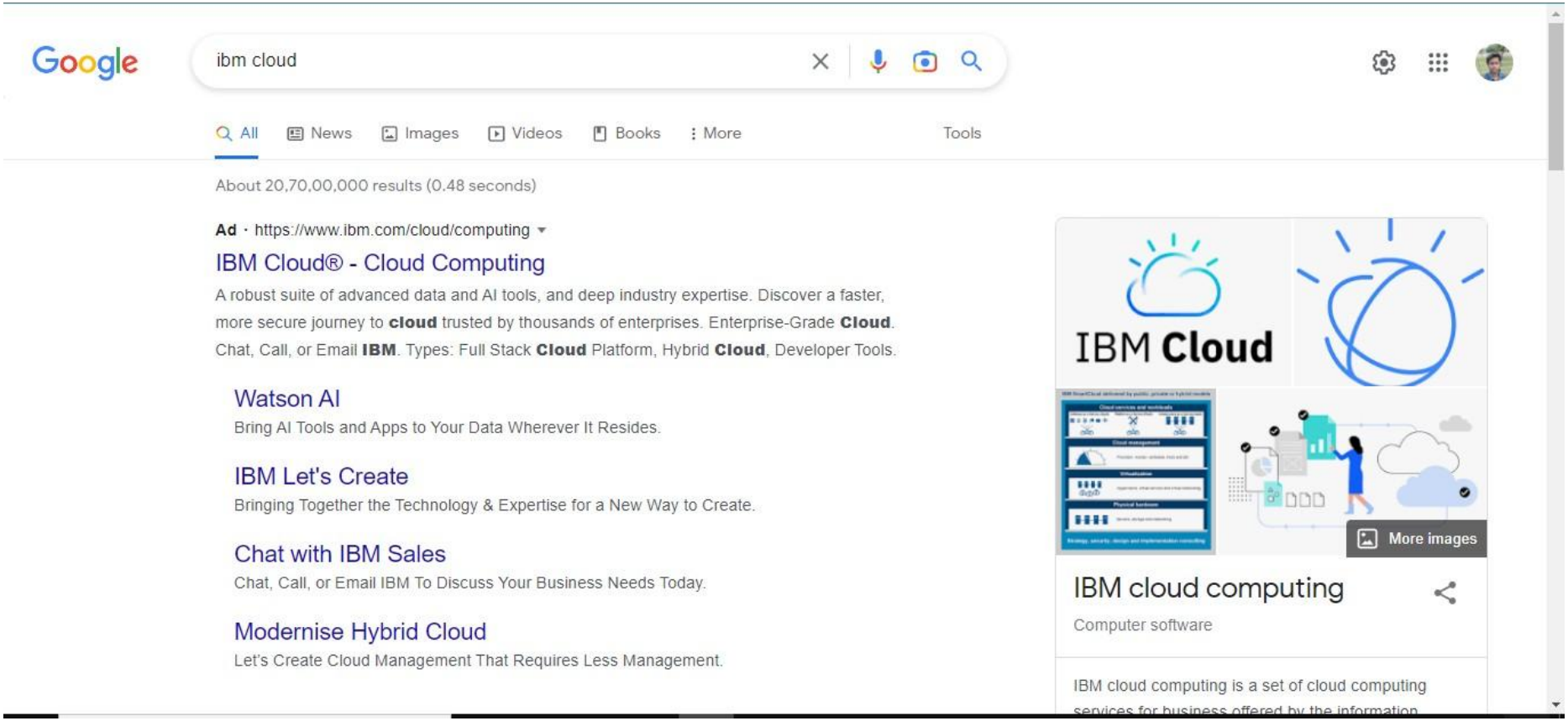
Create And Configure IBM Cloud Services

Project Title	SmartFarmer – IoT Enabled Smart Farming Application
Team ID	PNT2022TMID22163
Content	IBM Cloud Service

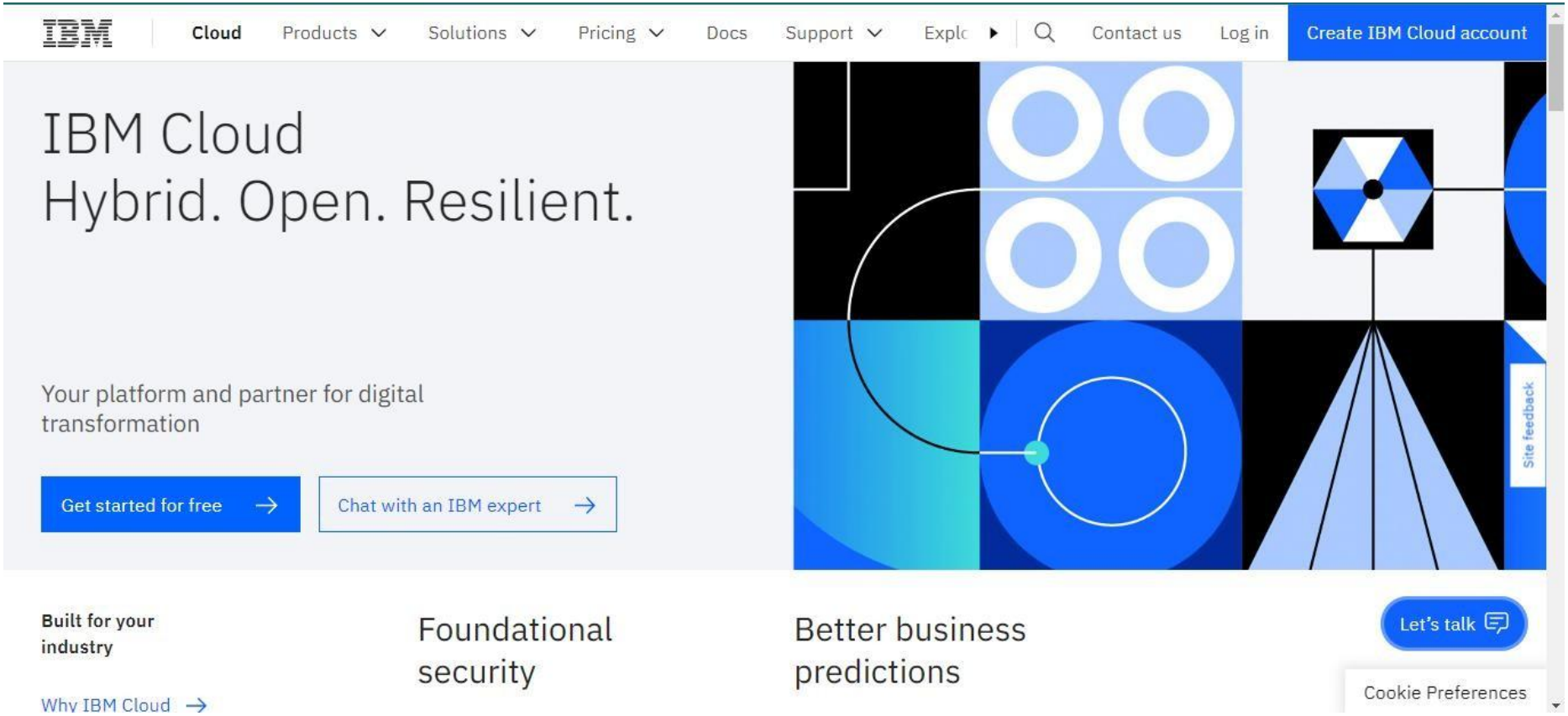
STEP 1:

Type IBM Cloud in Google and click on the first link.



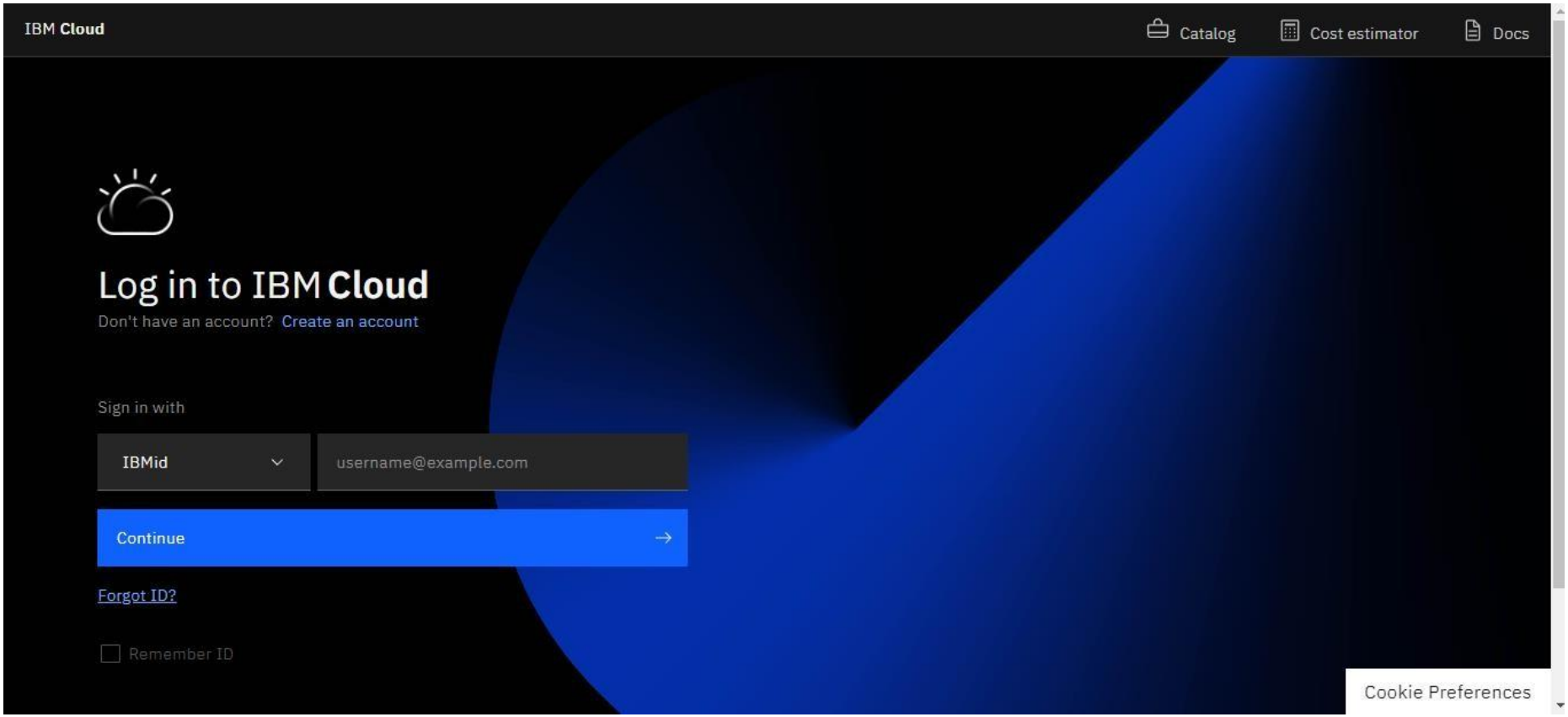
STEP 2:

Click on create IBM Cloud Account Now and enter the details.



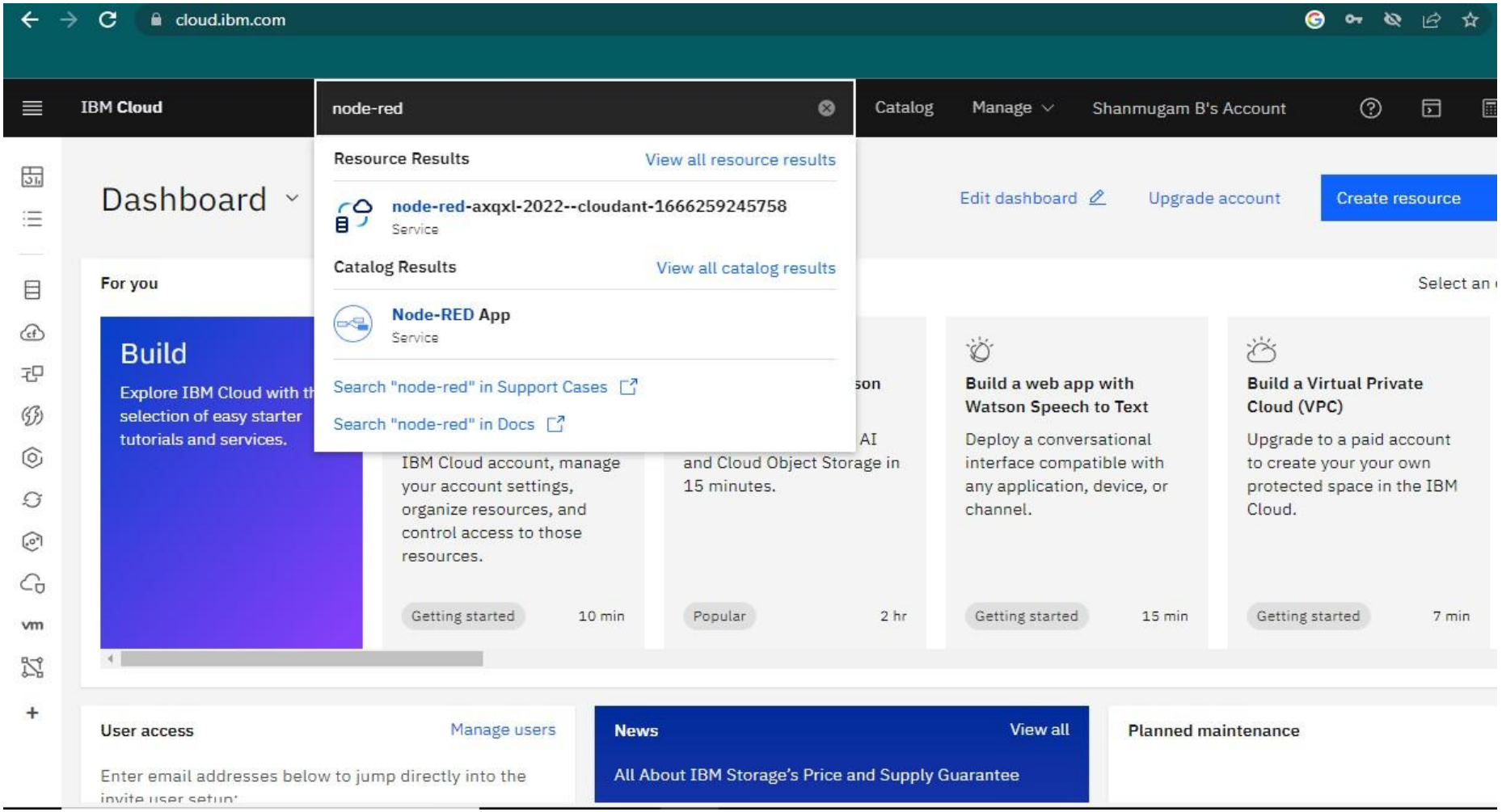
STEP 3:

You will get the email with your password. Type your mail Id and the password then click on the login button.



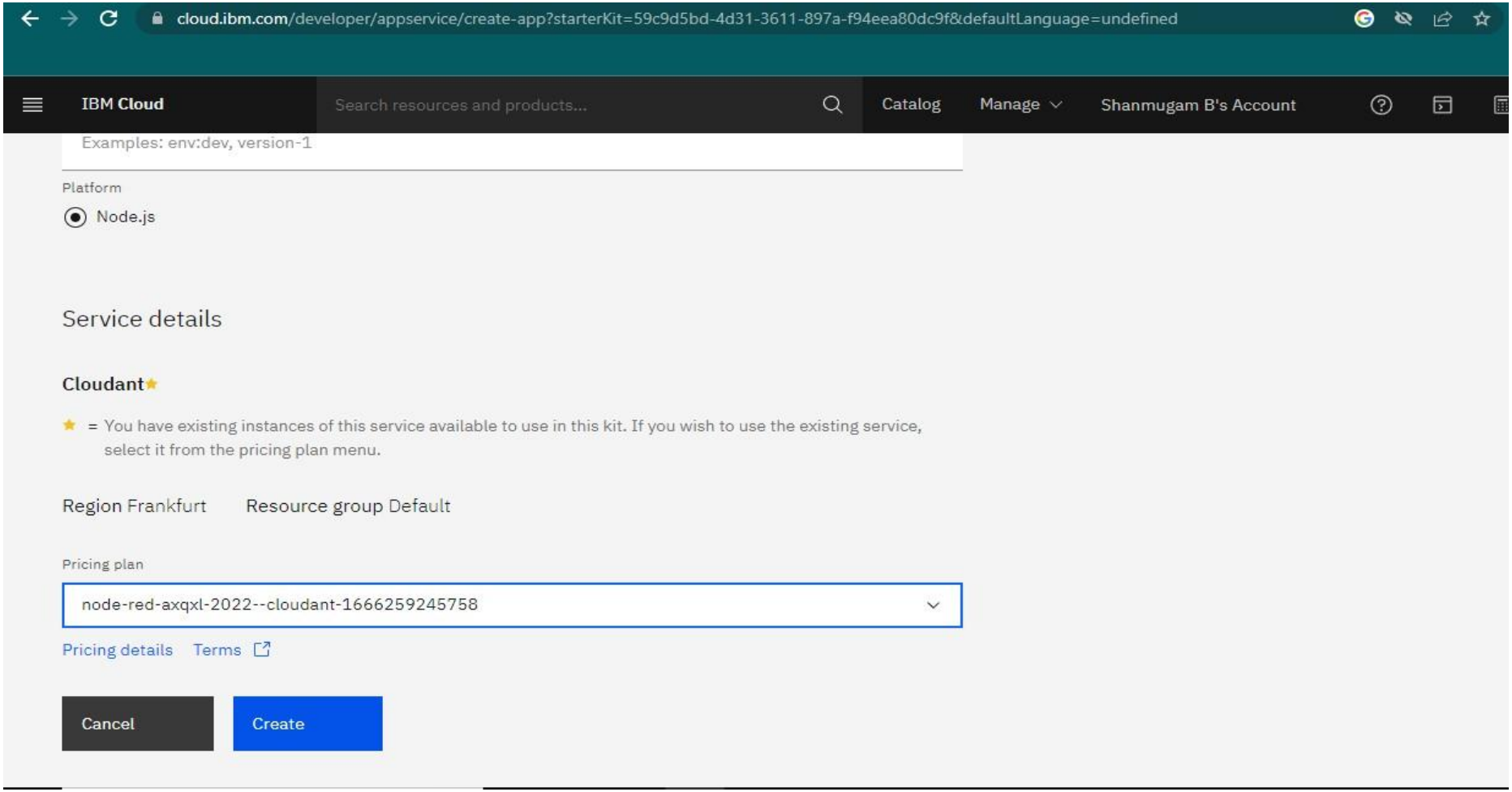
STEP 4:

Now you are in Dashboard. Now search Node-Red and click on it.



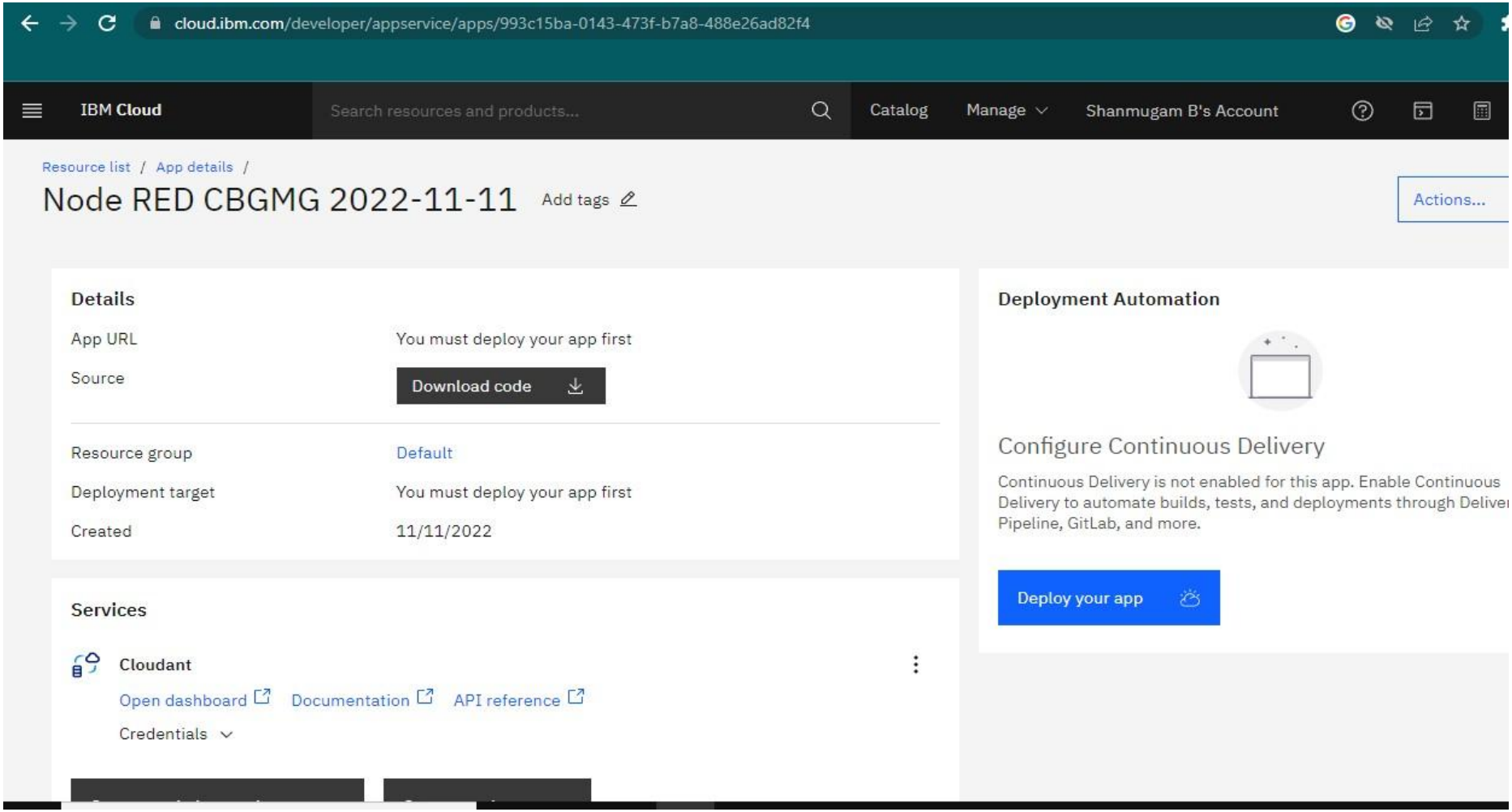
STEP 5:

Now click on Get Started. After choose node-red-xxxxxxx in pricing plan or you can choose Lite. Then click on create option.



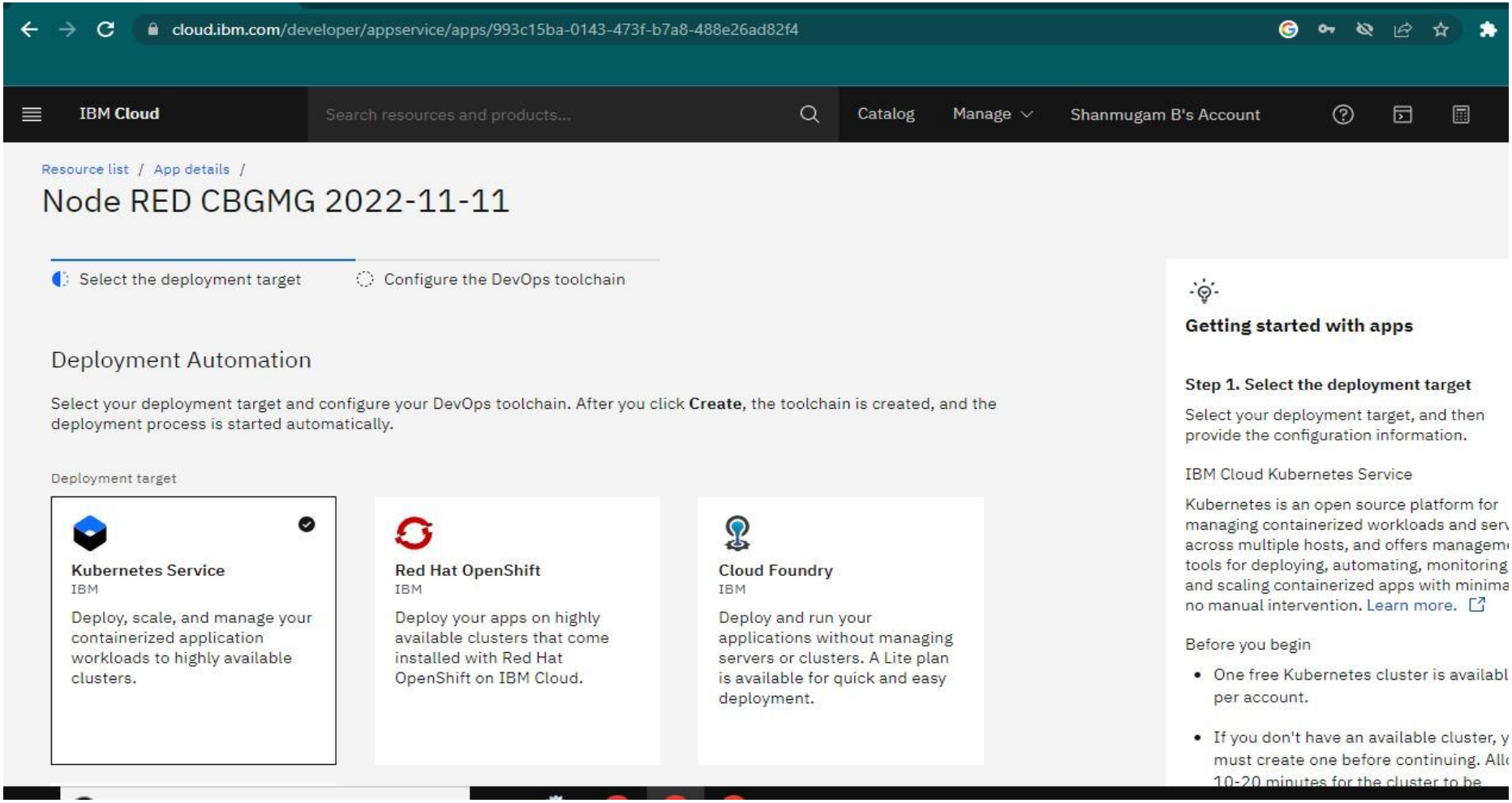
STEP 6:

Now you will be redirected to your node-red app page.



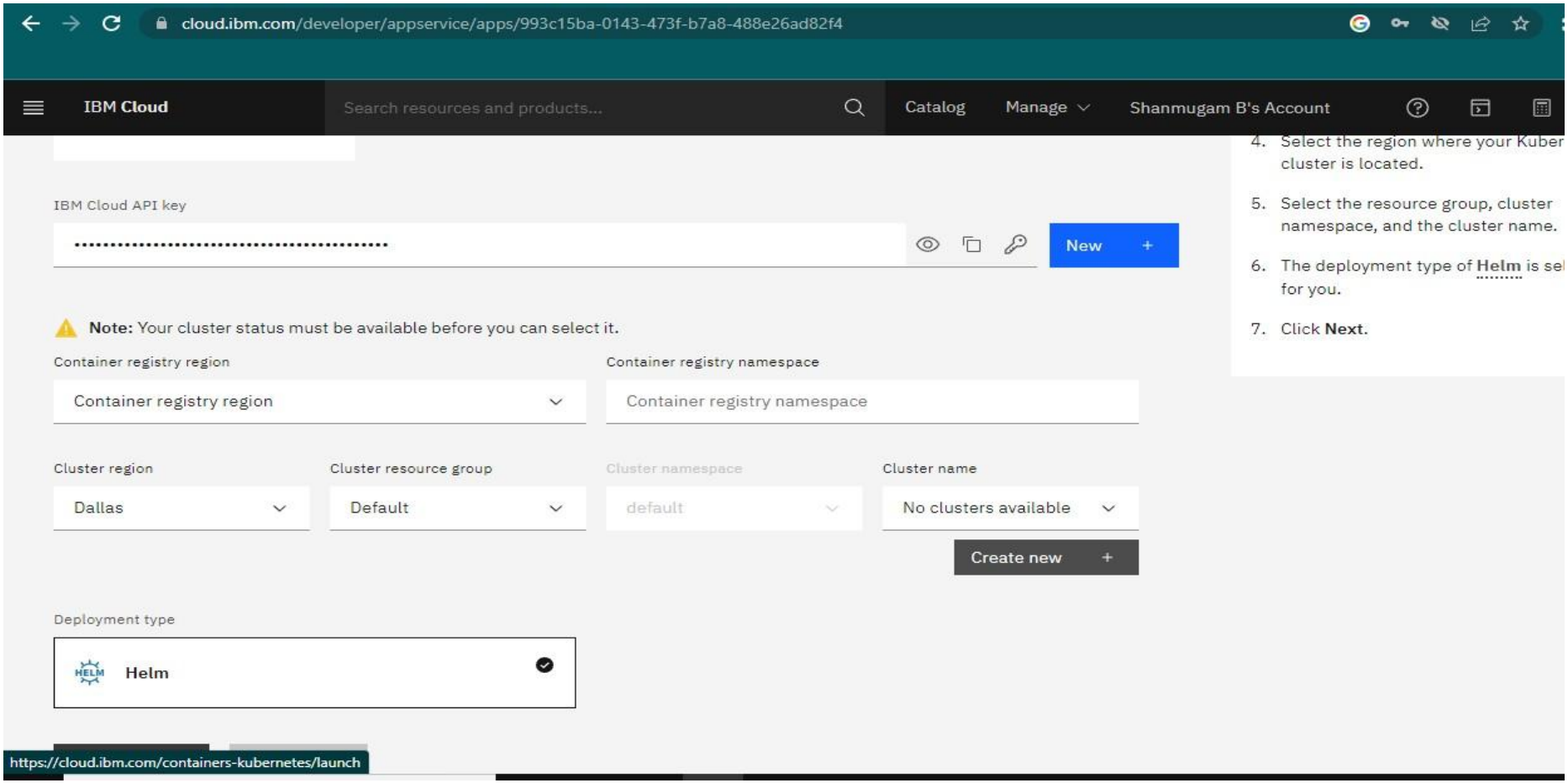
STEP 7:

Now click Deploy your app option.



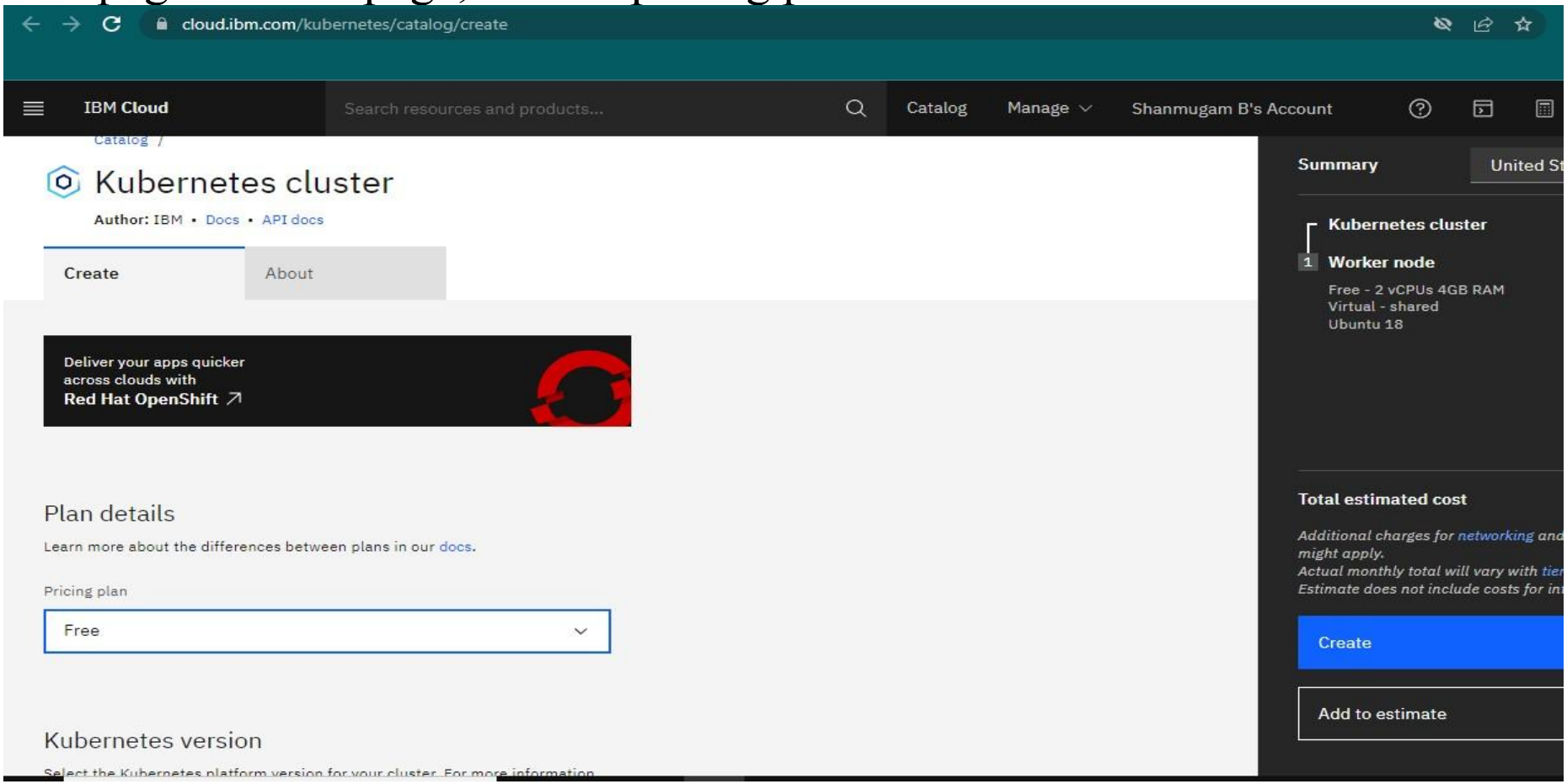
STEP 8:

Now choose Kubernetes Service and below you will see IBM Cloud API Key there click on New and then click OK. Your API Key will be generated.



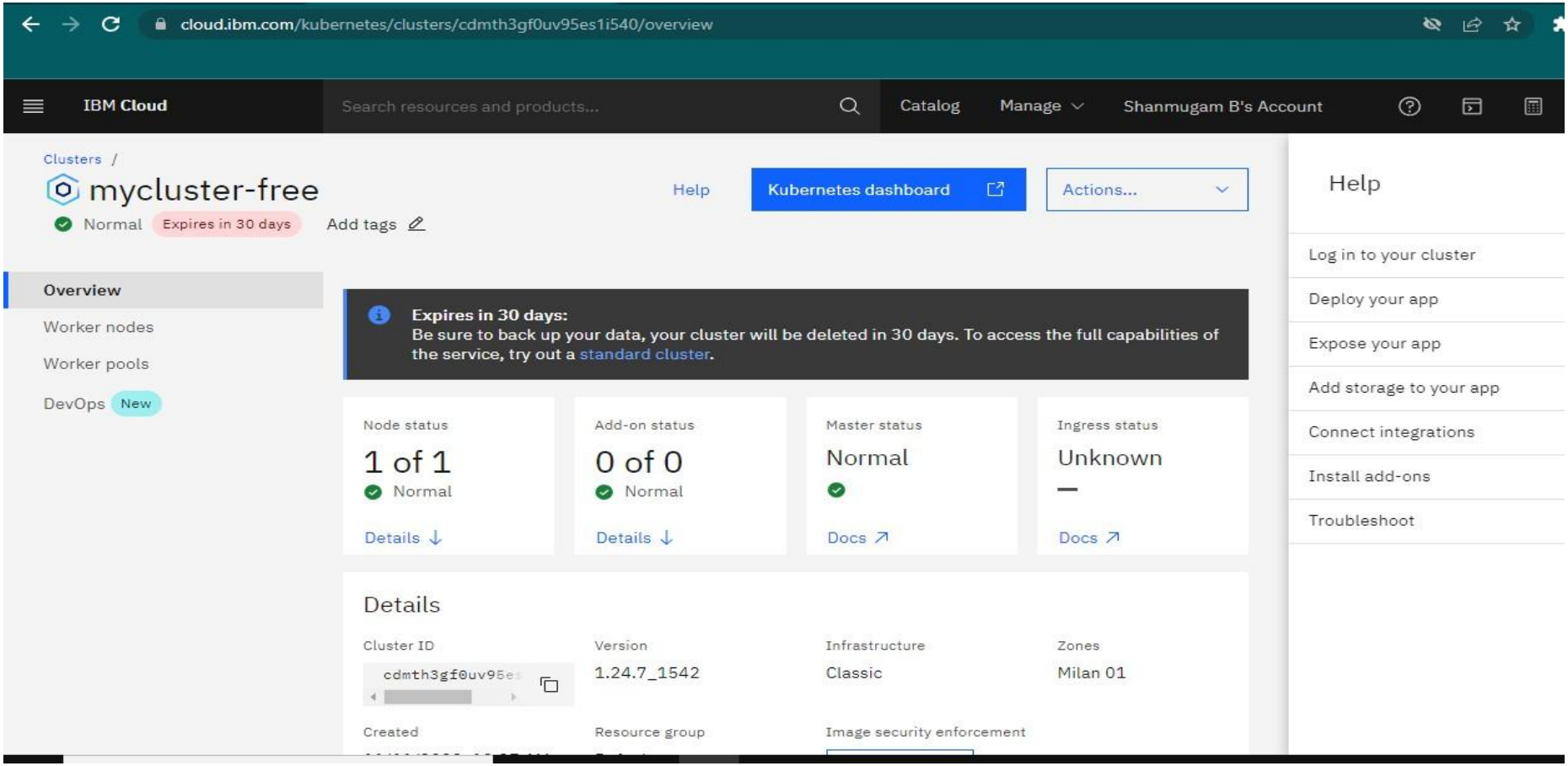
STEP 9:

Now click on Create New below the cluster name. You will be redirected to new page. In new page, choose pricing plan as Free and then click on Create.



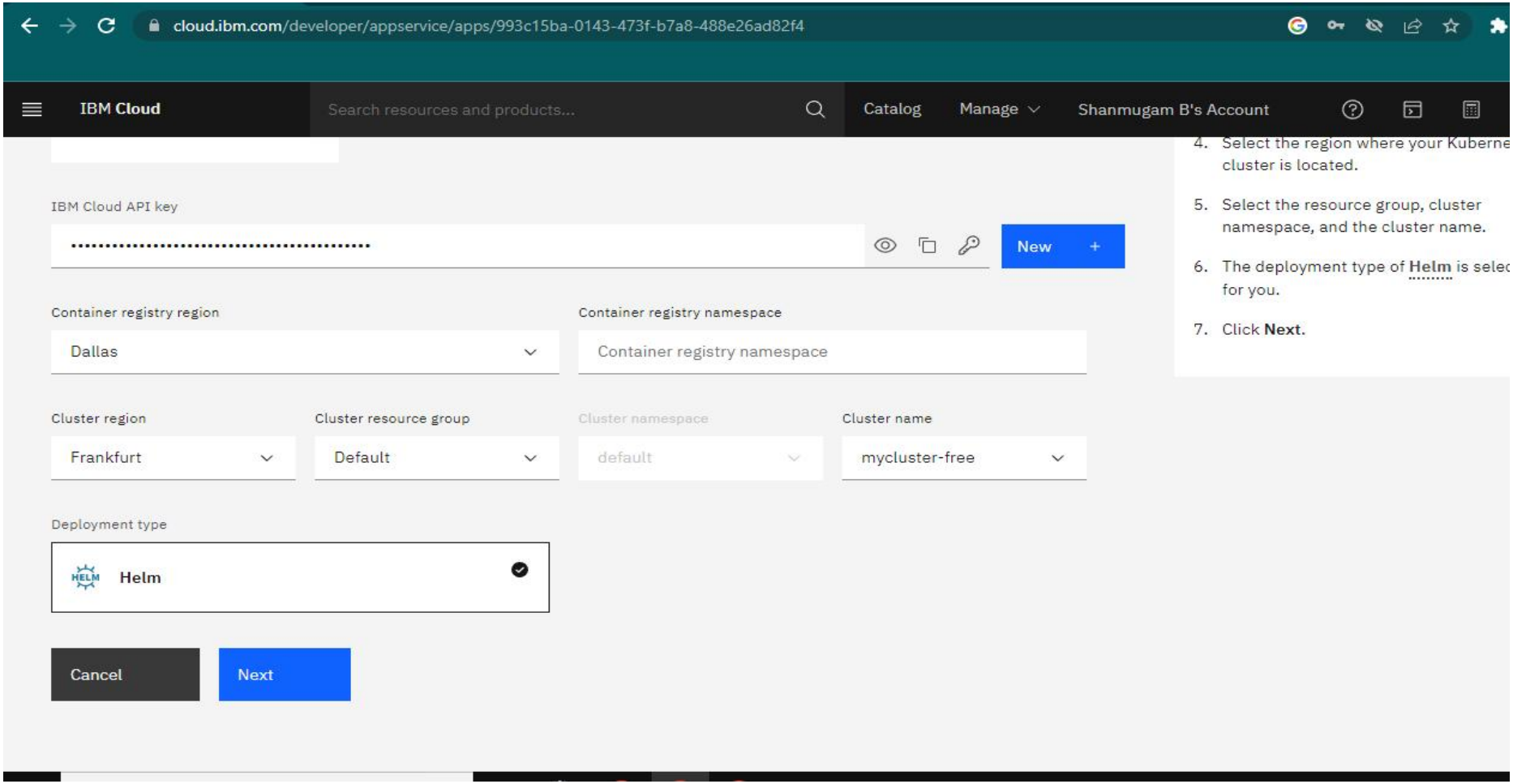
STEP 10:

For cluster creation you need to wait for 20 minutes. After creation come back to node red app tab.

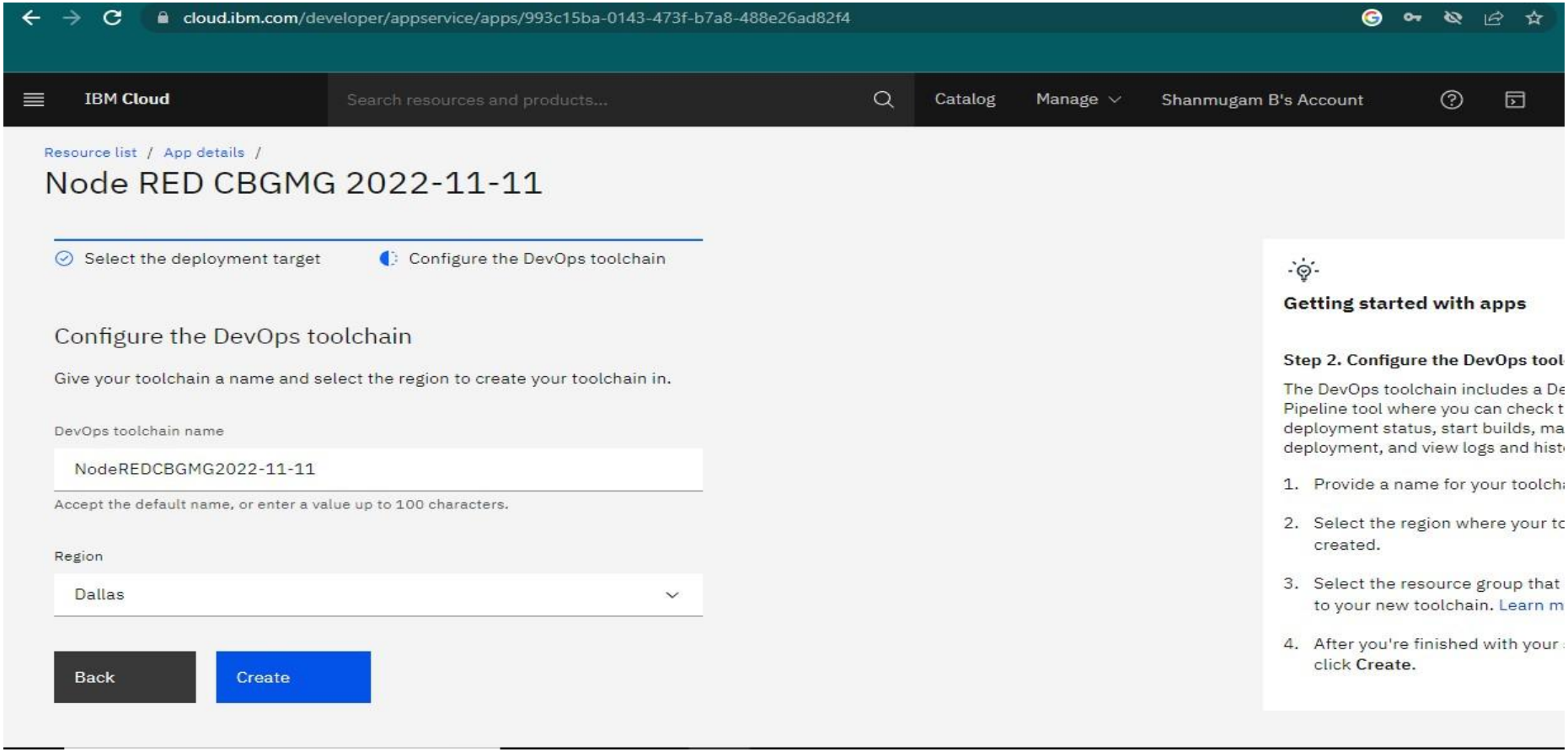


STEP 11:

In cluster name, choose mycluster-free and click on Next.

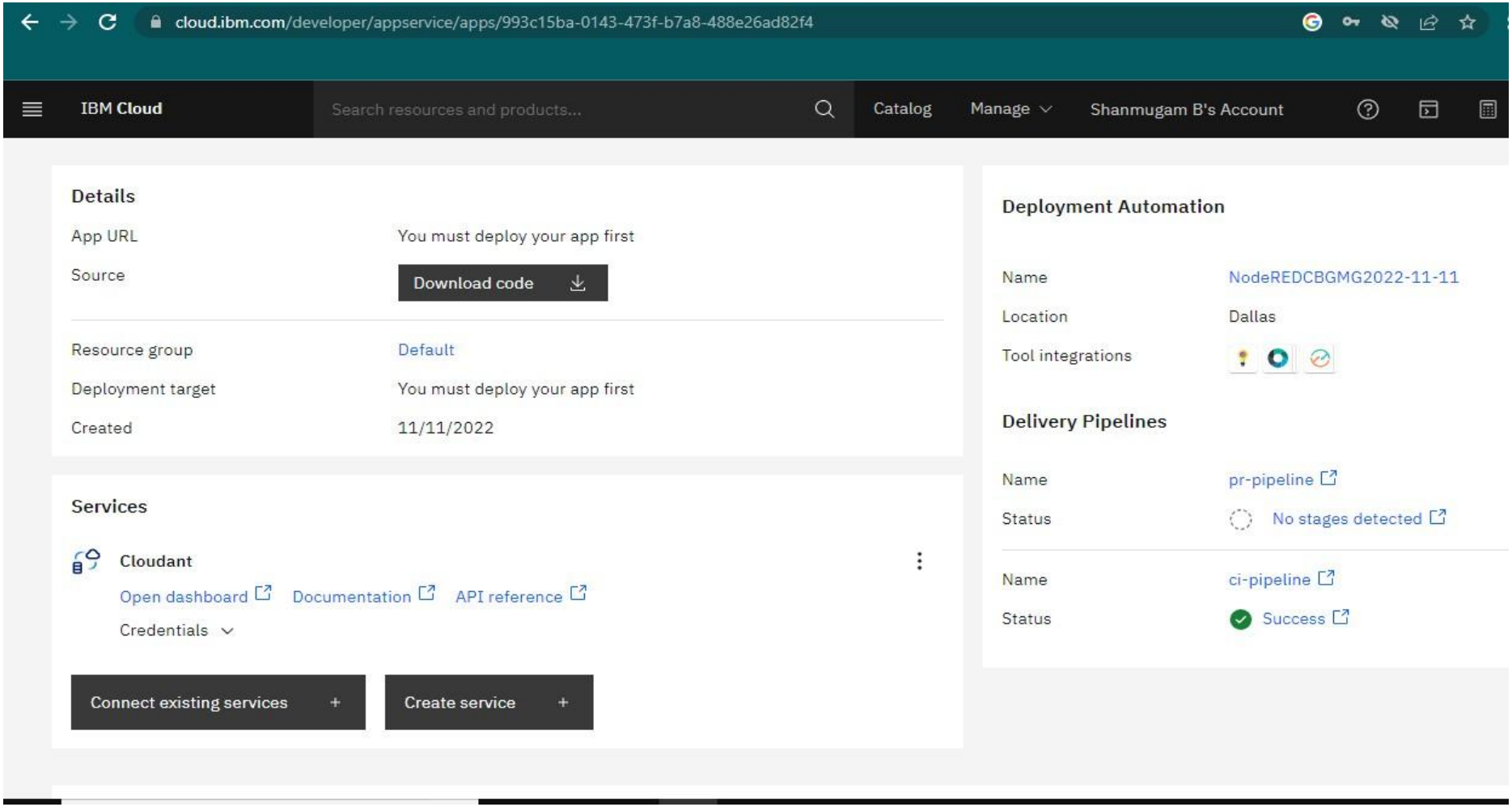


STEP 12:
Then click on Create.



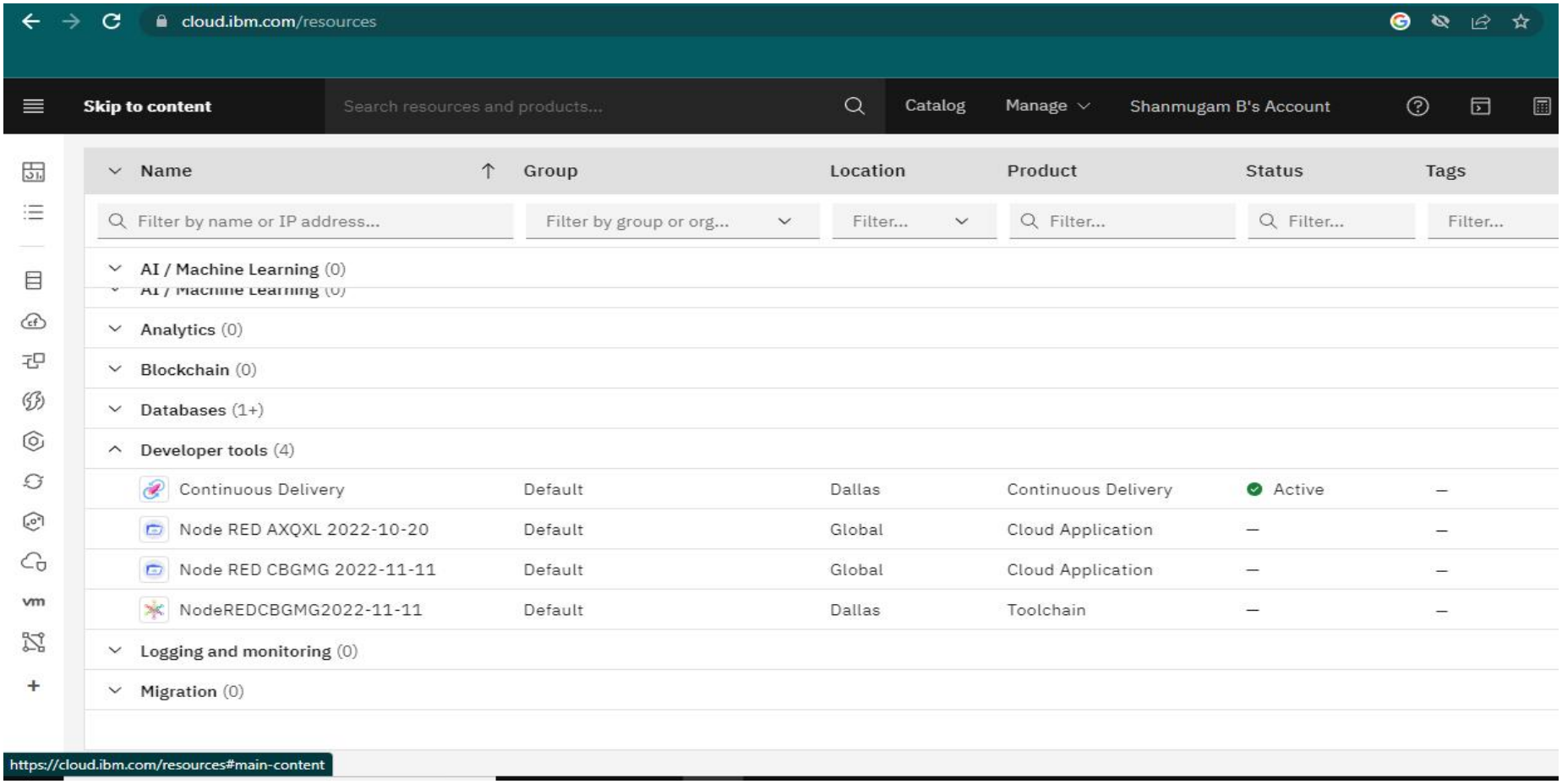
STEP 13:

You need to wait until ci-pipeline status success.



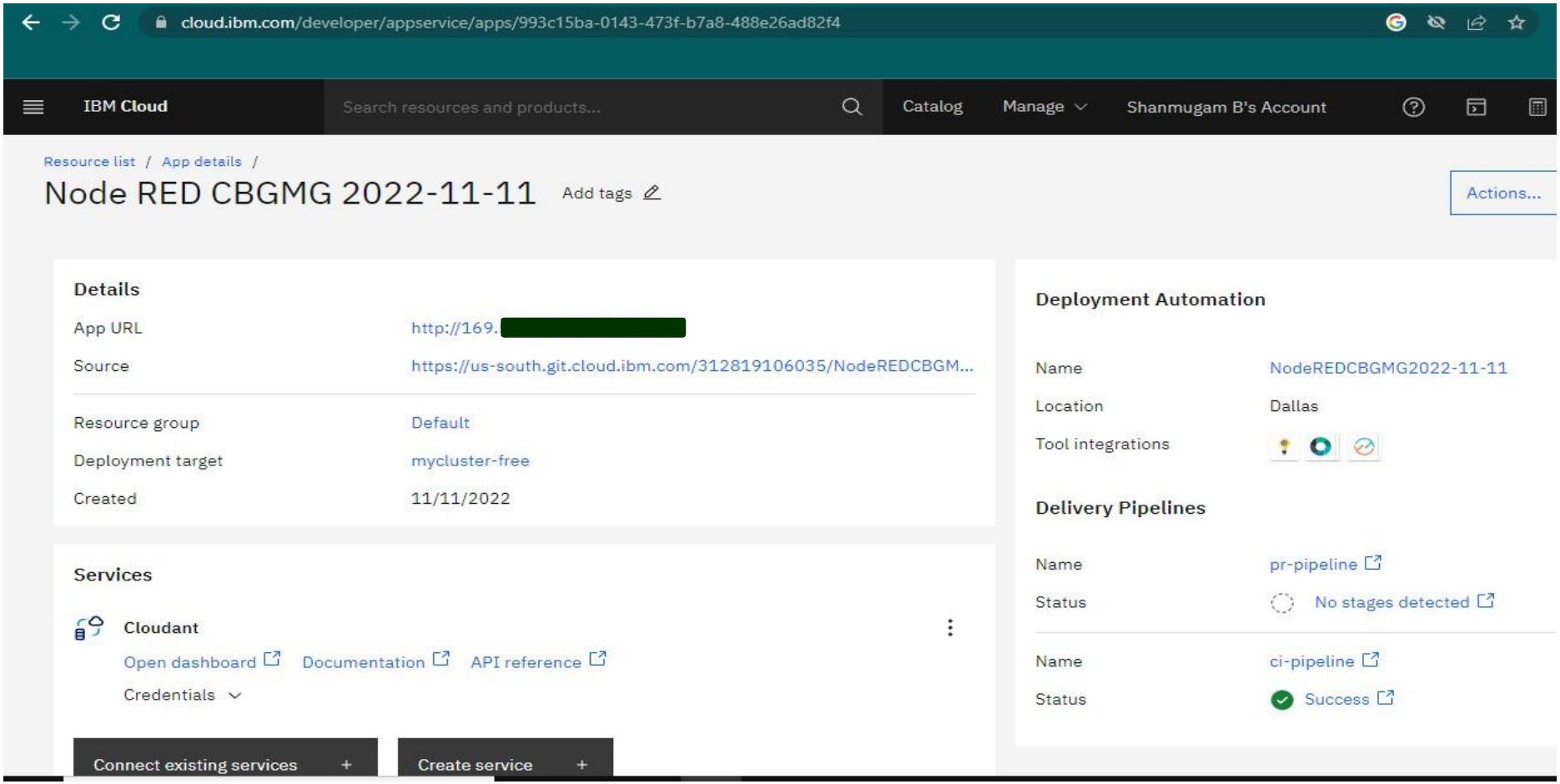
STEP 14:

Now go to Dashboard, in sidebar menu choose Resource list > Developer Tools. Click on your Node-red (Cloud Application)



STEP 15:

Now you will be redirected your Node-red app there you can see your App url and Source. To open Node-red editor copy the app url and paste in new tab.



STEP 16:

Click on Next and then choose Not Recommended and click on next and then click finish. Then click on go to Node-RED flow editor. Now start work on your flows.