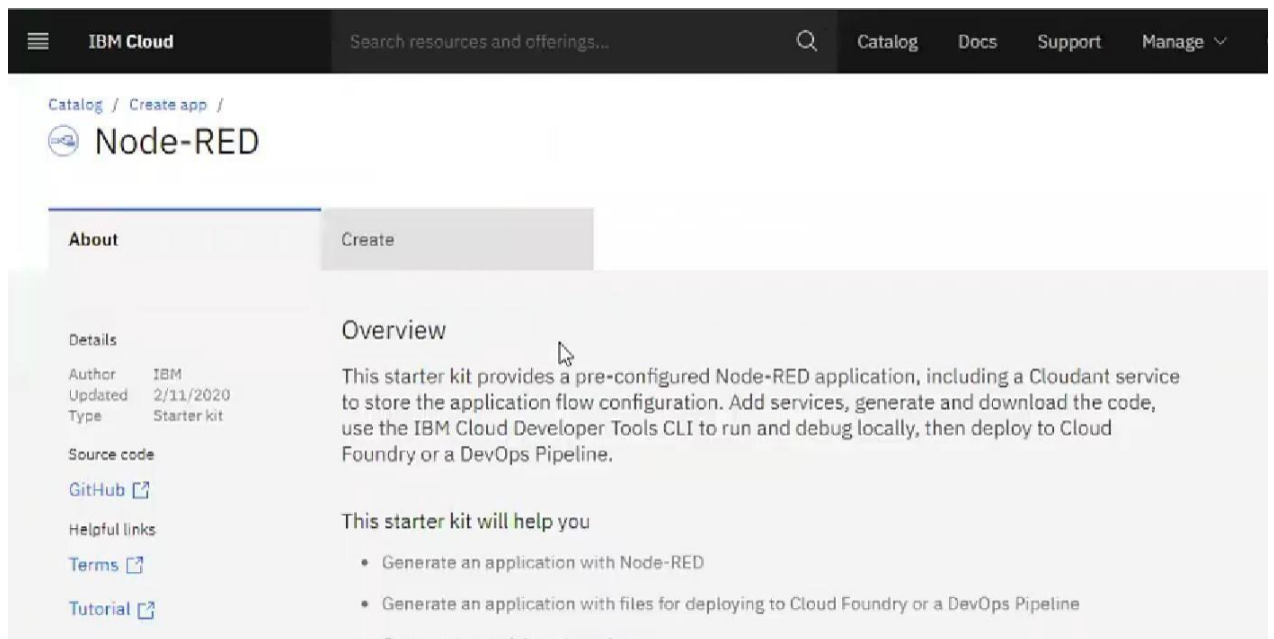


# Create Node-RED Service

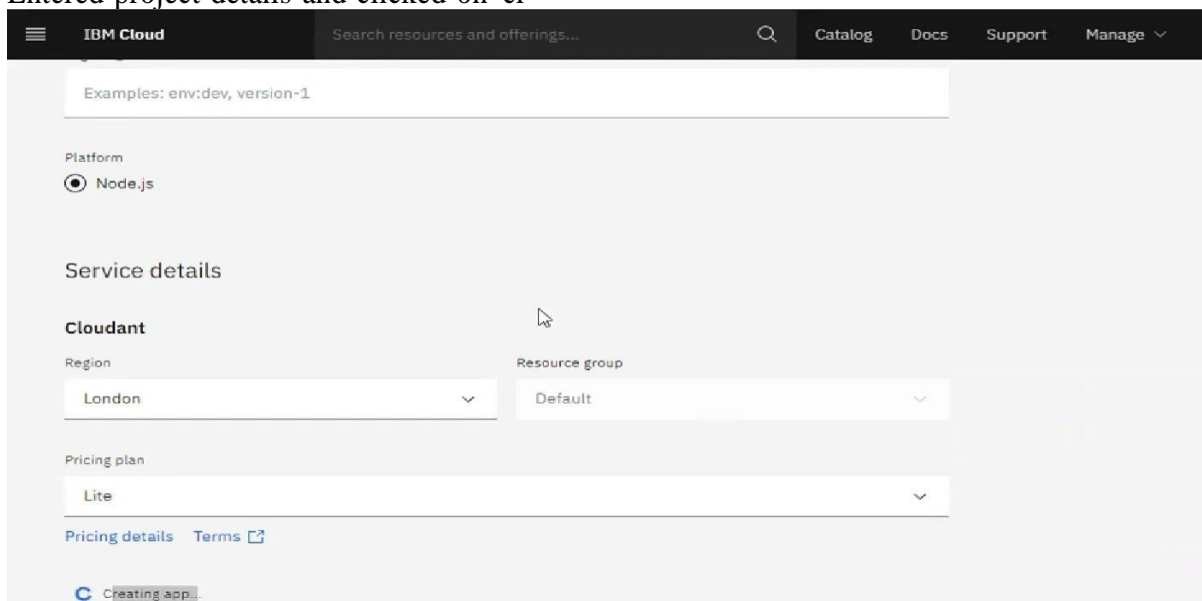
Date	01 November 2022
Team ID	PNT2022TMID33093
Project Name	Project – IOT Based Smart Crop Protection System for Agriculture
Maximum Marks	4 Marks

## Steps :

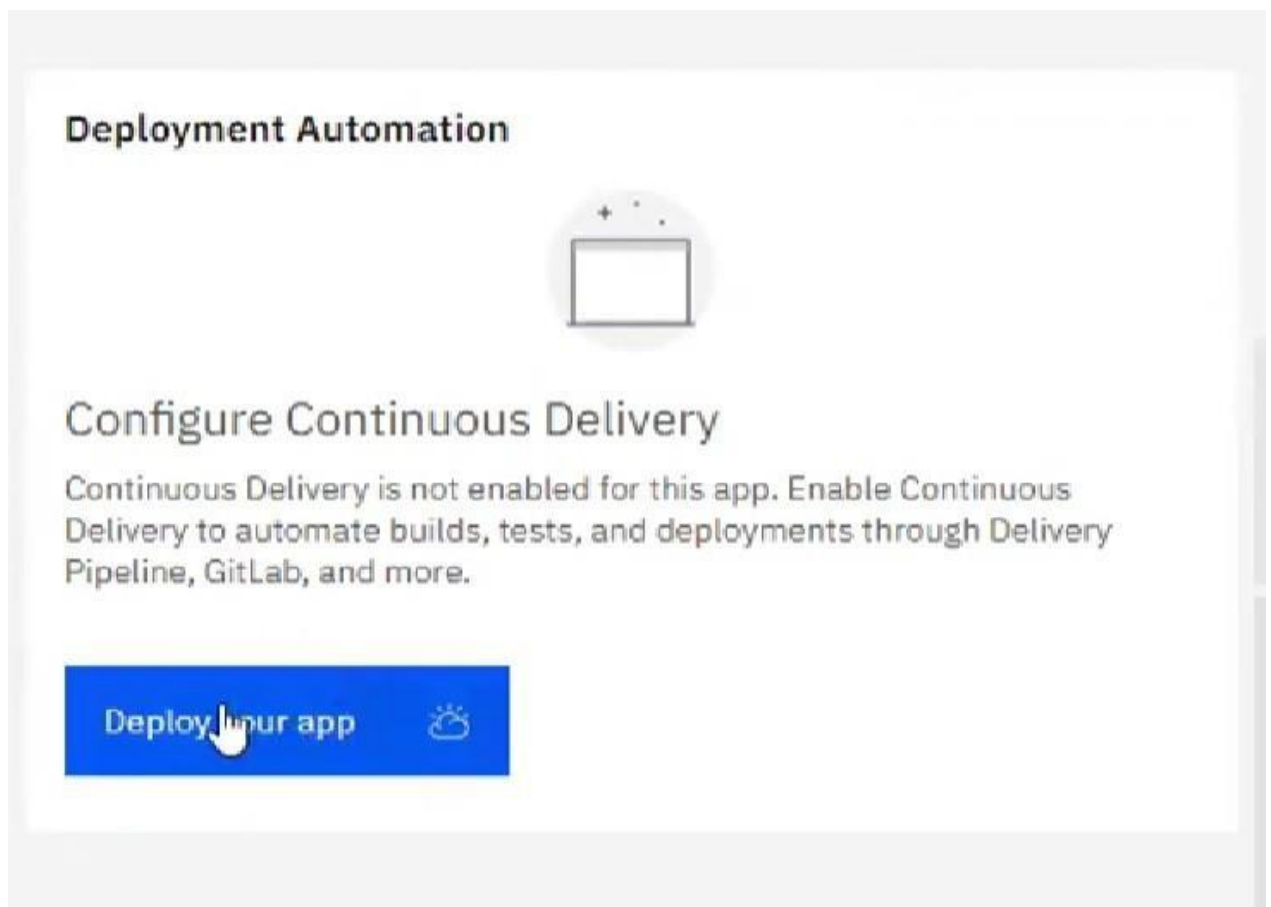
- Navigated to the App creation page Entered project details and clicked on create



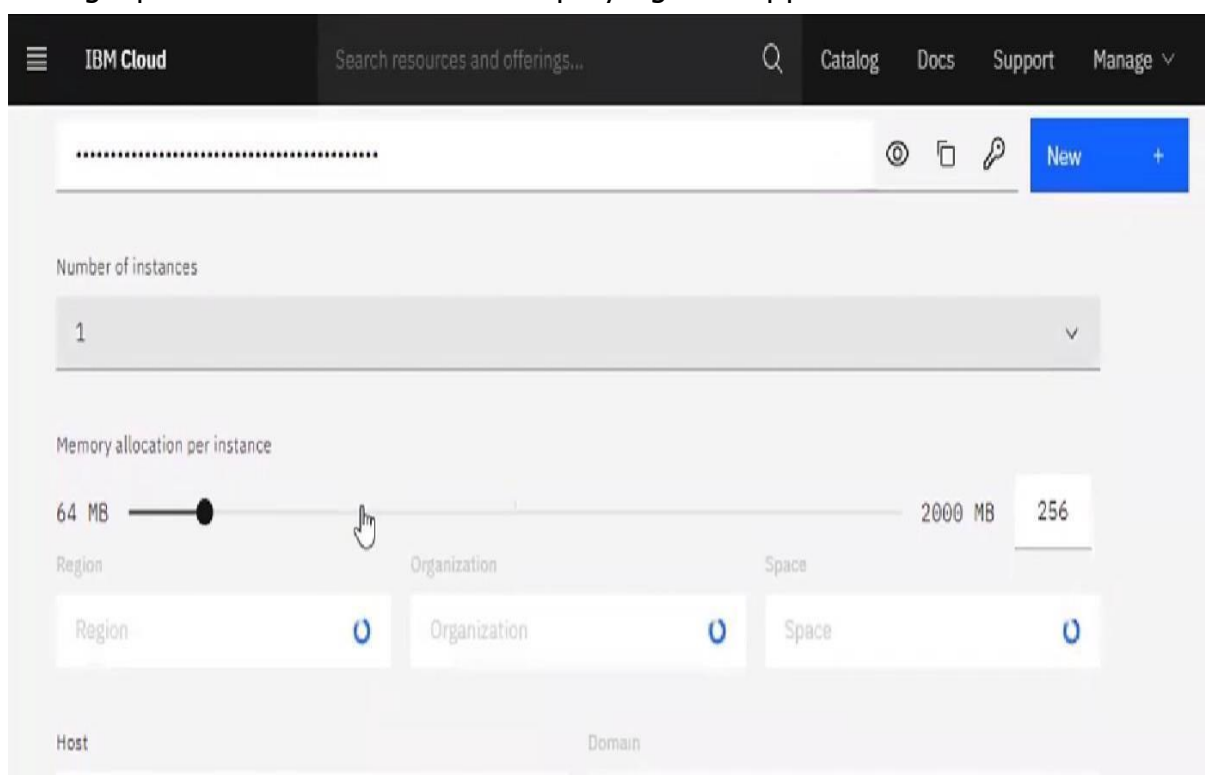
- Entered project details and clicked on cr



- Clicking on the “Deploy your App” Button



- Setting up the environment and deploying the app



- Successfully deployed the app

## Delivery Pipelines

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

- Welcomed by the instance editor

### 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

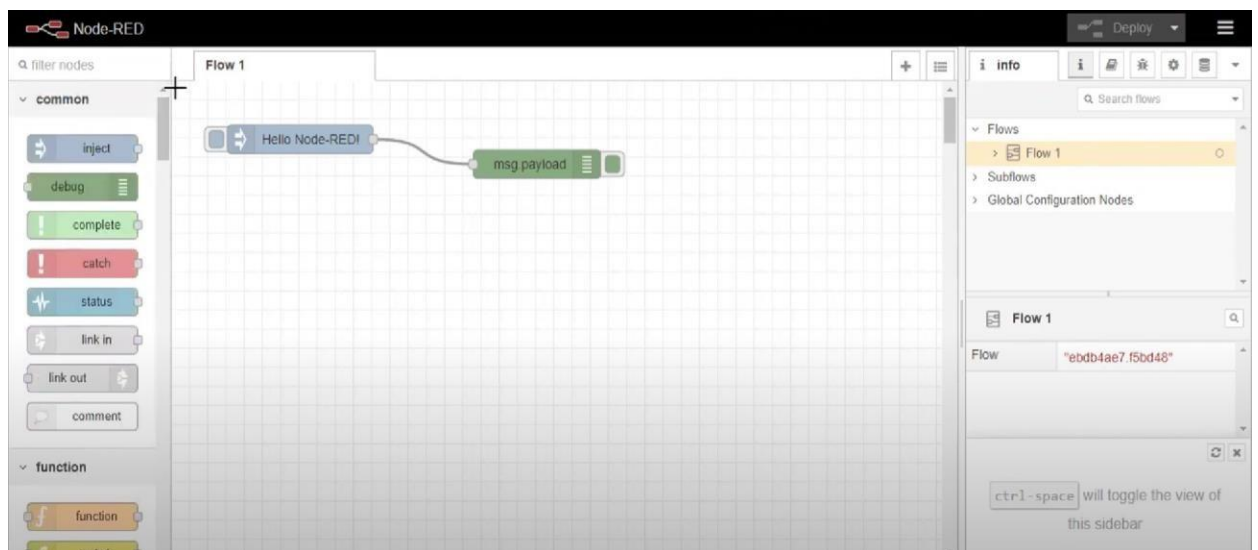
- Setting up credentials

☐ Secure your editor so only authorised users can access it

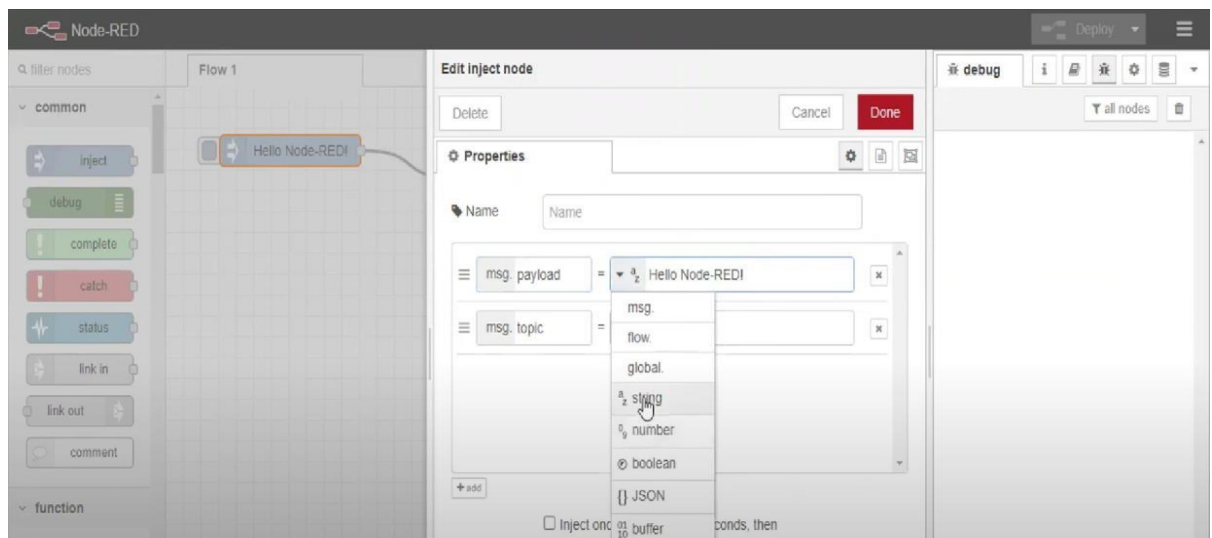
☒ *Not recommended:* Allow anyone to access the editor and make changes

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

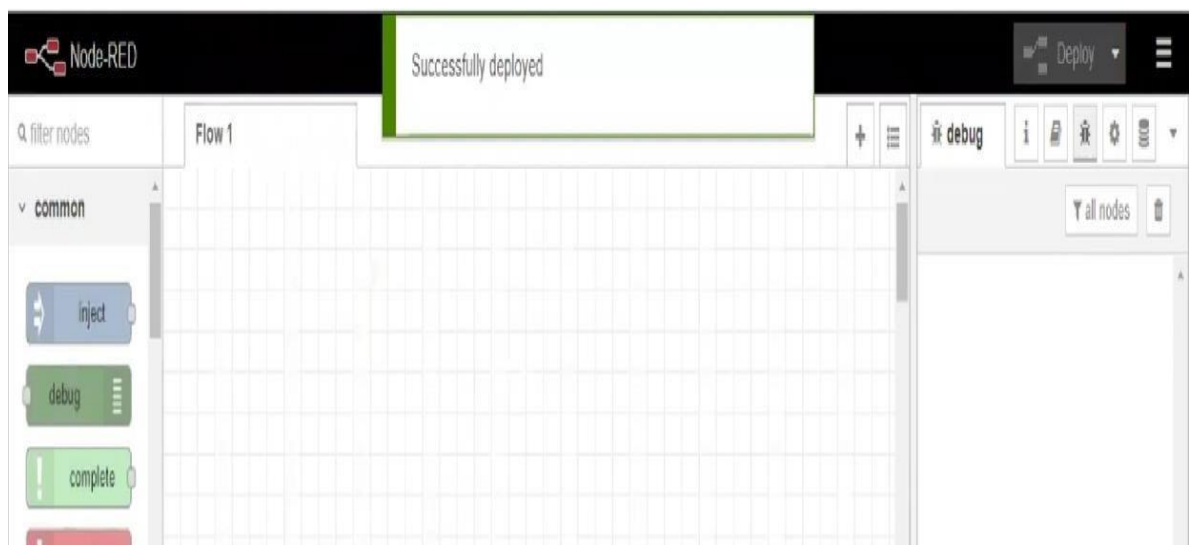
☒ Tick this box to confirm you want your editor to be insecure




- Editing some values of the properties



- Successfully deployed the app



 **kubernetes**

default

Search

+ 🔔 👤

Overview

Workloads <sup>N</sup>

Cron Jobs

Daemon Sets

Deployments

Jobs

Pods

Replica Sets

Replication Controllers

Stateful Sets

Service <sup>N</sup>

Ingresses

Services

Config and Storage

Config Maps <sup>N</sup>

Persistent Volume Claims <sup>N</sup>

Secrets <sup>N</sup>

Storage Classes

Workloads

Workload Status

Failed: 1

Daemon Sets


Failed: 1

Pods

Daemon Sets

Name ↑	Images	Labels	Pods	Created ↑
<div></div> node-red	Show all	Show all	0 / 1	8 seconds ago

Clusters /

 mycluster-free

Normal

Expires in 29 days

Add tags

Help

Kubernetes dashboard

Actions...

Overview

Worker nodes

Worker pools

DevOps <sup>New</sup>

Expires in 29 days:

Be sure to back up your data, your cluster will be deleted in 29 days. To access the full capabilities of the service, try out a standard cluster.

Node status

1 of 1

Normal

Details

Add-on status

0 of 0

Normal

Details

Master status

Normal

Docs

Ingress status

Unknown

Docs

Details

Cluster ID

cd8hp00f0193cdp0SHfg

Version

1.23.12\_1546

Infrastructure

Classic

Zones

Milan 01

Created

20/10/2022, 15:32

Resource group

Default

Image security enforcement

Enable

Node health

1 total nodes

Worker node details

The screenshot displays the Kubernetes Dashboard interface. The top navigation bar includes the Kubernetes logo, a search bar, and user controls. The left sidebar lists various resource types like Workloads, Cron Jobs, Daemon Sets, Deployments, Jobs, Pods, Replica Sets, Replication Controllers, Stateful Sets, Service, Ingresses, Services, Config Maps, Persistent Volume Claims, Secrets, and Storage Classes. The main panel shows the details for the 'kube-root-ca.crt' ConfigMap under the 'Config Maps' section.

**Metadata**

Name	Namespace	Created	Age	UID
kube-root-ca.crt	default	Oct 20, 2022	18 hours ago	d7c8876f-6709-4f64-aad2-3d4b6cb1e8d3

**Annotations**

- kubernetes.io/description

**Data**

```
1 {
2   "ca.crt": "-----BEGIN CERTIFICATE-----
3     MIIDQCAsIglAwIBAgIUVCvXURDplddBCB5ODh+MSIQMjQyZkoZhtYnAQEL
4     BQAwODEzMDQGAUEAHzMYZQ4HA4B2YvaTkzY2RuODV0Zmcta3ViZXUZR1cy1j
5     YS0xNjY2HjYvMjA4MTIyHTAyDAASNTgwfOxdTI3HTAxOTASNTgwMFoODE2
6     MDQGAUEAHzMYZQ4HA4B2YvaTkzY2RuODV0Zmcta3ViZXUZR1cy1jYS0xNjY2
7     HjYvMjA4MTIyHTAyDAABBAQEFAAOCAQ8AMIIBCgKCAQEAw3MA1S9ugYTK
8     hoV6ZvT2Im6SR5uHejmsOgVusR63z78bu78rMIcylLNK8KLJae3kc/7HgI3s
9     RK/enzt4ZD08RDqG/kVRzegicTAhmKadyIEZg8jmxJiG5SpYfpVP93JD+yB
10    Yfhdb/yHtBpyLOBB9vSMt8+d5duThFlpvrgocCVl7MeEQP7dpJouXuqt99Bho
11    /4ZULmdgmEaw+DnsFRI3Gb/Yluaa/PADkXEnPjb+bVQHllLVckKh6Wajr8PEdua
12    qKTKAF1U318Cegbiy1jCCt5UEAGQctQZ0kl2kybYhkeD8pa1czVQ5NEG61oz
13    QBP2k3/+QIDAQABo81wQDAQBGNVQ8BAFEBAKAQYNVYDVRRATAG/BAluLwEB
14    /zADBGVHQQ4EFgQU0j8JC+YAEfbksSrPTZmM41Qhg4uOQY3KoZIhvncAQELBQAD
15    ggEBAD1ellzg3ms3HLOTyRbhgKICPGfvQrHLpmS8q1tAHH/SxvhjkuoL9npY8C
16    67E01YeFB3L17nmDa52mgBHD3dt9wkf/HstIp1SC5JuezoR8ND95+nZCXorDfj
17    qanLIlaHy+YE075rFuajakytArnlDR6UBARPLuvfCKUKfsEdkAd1STj3tcAoR
18    LeyMUChox3GcSH/gQEsIEqdlpxzrx9Truf6BT4VaR9ghReirZFsqFPQP;TLHP
19    VIOAUuXHUCzv8B9n4PrbbAKBQ2b119XSfmCvp/3BFLC+/VDUIIs5a8oTo8e14UYkfG
```

