CREATE AND CONFIGURE IBM CLOUD SERVICES
CREATE NODE RED SERVICE

Date	11 November 2022
Team ID	PNT2022TMID12777
Project Name	Project – Real Time River Water Quality Monitoring and Control System
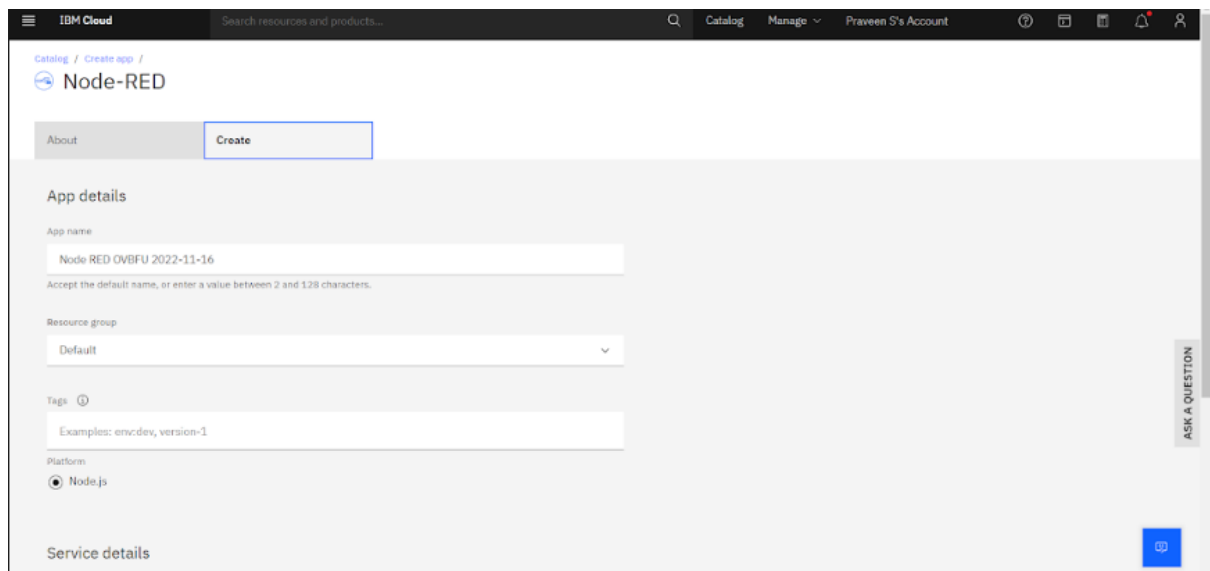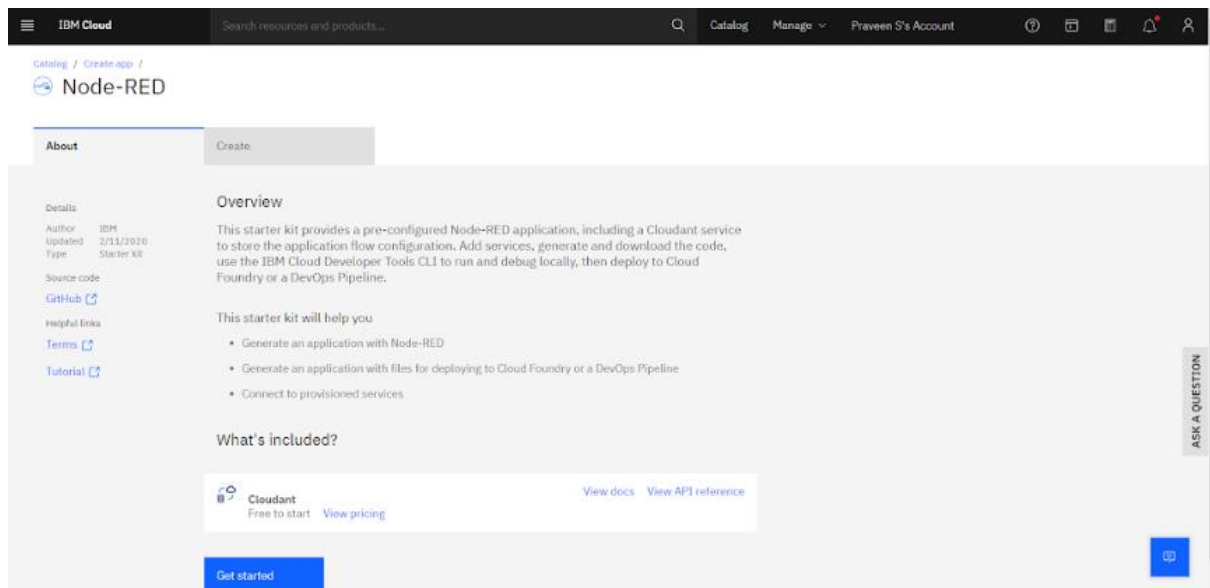
Resource group

Default   ∨

Tags ⓘ

Examples: env:dev, version-1

Platform

● Node.js

Service details

Cloudant

Region   Resource group

London   ∨   Default   ∨

Pricing plan

Lite   ∨

Pricing details   Terms ☐

Cancel   Create

ASK A QUESTION

Resource list / App details /

Node RED OVBFU 2022-11-16   Add tags ✎

Actions...   ∨

Details

App URL   You must deploy your app first

Source   Download code ⤓

Resource group   Default

Deployment target   You must deploy your app first

Created   11/16/2022

Services

🔒 Cloudant   ⋮

Open dashboard ☐   Documentation ☐   API reference ☐

Credentials ∨

Connect existing services +   Create service +

Deployment Automation

Configure Continuous Delivery

Continuous Delivery is not enabled for this app.
Enable Continuous Delivery to automate builds,
tests, and deployments through Delivery Pipeline,
GitLab, and more.

Deploy your app ⚒

💡 **Getting started quickly**   ✕

Configuring your app

To connect services and DevOps toolchains to your
app:

1. Use the **Services** card to connect a
   service to your app. Select an existing
   service instance, or create a new one.
   Learn more. ☐

2. If you want to view the code before your
   app is deployed, click **Download code** to
   obtain the .zip file.

3. Click **Deploy your app** in the **Deployment
   Automation** card to select the
   deployment target and configure the
   Continuous Delivery service. The
   deployment begins automatically.

4. After the deployment begins, you can
   view the status of the deployment, modify
   your app, view your repo, or view the
   app's URL.

5. If you make any changes to your app, be

ASK A QUESTION

Resource list / App details /

Node RED OVBFU 2022-11-16

● 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	Red Hat OpenShift	Cloud Foundry ✔	Code Engine
IBM	IBM	IBM	IBM
Deploy, scale, and manage your containerized application workloads to highly available clusters.	Deploy your apps on highly available clusters that come installed with Red Hat OpenShift on IBM Cloud.	Deploy and run your applications without managing servers or clusters. A Lite plan is available for quick and easy deployment.	Run your app, job, or container on a managed serverless platform. Auto-scale workloads, and pay only for the resources that you consume.

ⓘ **IBM Cloud Foundry Public is deprecated.**   Learn more ☐   ✕
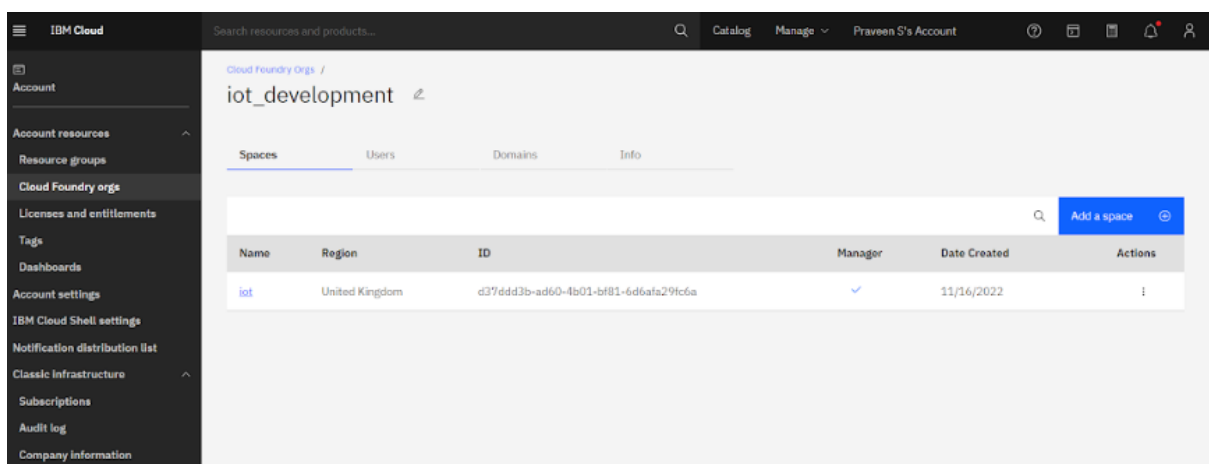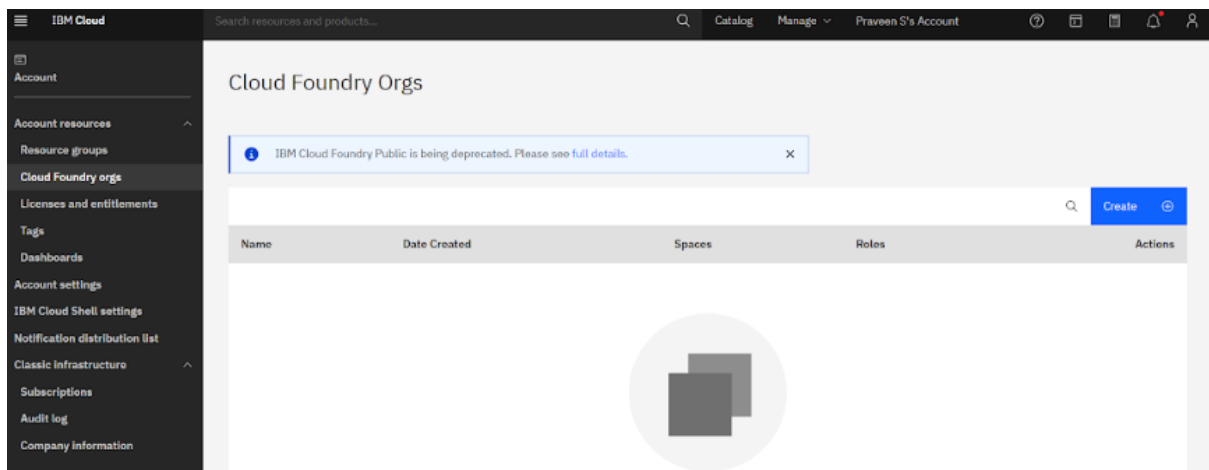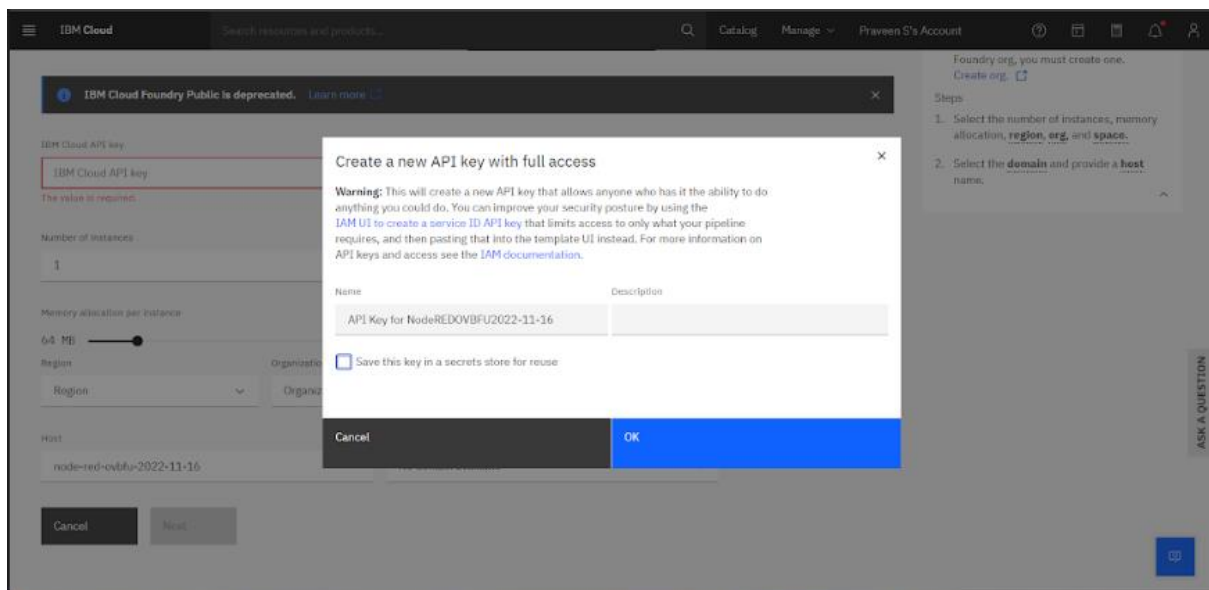
ⓘ **IBM Cloud Foundry Public is deprecated.**   Learn more ✖

IBM Cloud API key

••   👁 ⧉ 🔑   **New +**

Number of instances

1 ⌄

Memory allocation per instance

64 MB ●――――――――――――――――― 2000 MB   256

Region	Organization	Space
London ⌄	iot_development ⌄	iot ⌄

Host | Domain

node-red-ysyzk-2022-11-16 | eu-gb.mybluemix.net ⌄

Cancel   **Next**

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

Steps

1. Select the number of instances, memory allocation, **region**, **org**, and **space**.

2. Select the **domain** and provide a **host** name.

ASK A QUESTION

Resource list / App details /

Node RED YSYZK 2022-11-16   Add tags ✎

Actions... ⌄

Details

App URL	You must deploy your app first
Source	https://eu-gb.git.cloud.ibm.com/191126/NodeREDYSYZK2022-...
Resource group	Default
Deployment target	You must deploy your app first
Created	11/16/2022

Services

🔒 **Cloudant**   ⋮

Open dashboard ⤤   Documentation ⤤   API reference ⤤

Credentials ⌄

Connect existing services +   **Create service +**

Deployment Automation   ⋮

Name	NodeREDYSYZK2022-11-16
Location	London
Tool integrations	⁝ ◯ ◎

Delivery Pipelines

Name	ci-pipeline ⤤
Status	◯ No stages detected ⤤
Name	pr-pipeline ⤤
Status	◯ No stages detected ⤤

·💡· Getting started quickly   ✖

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ASK A QUESTION

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

Flow-based programming for the Internet of Things

Node-RED is a programming tool for wiring together hardware devices, APIs and online services in new and interesting ways.

This instance is running as an IBM Cloud application, giving it access to the wide range of services available on the platform.

More information about Node-RED, including documentation, can be found at nodered.org.

Go to your Node-RED flow editor

Learn how to customise Node-RED

Customising your instance of Node-RED