

CREATE NODE RED SERVICES

DATE	07 NOVEMBER 2022
TEAM ID	PNT2022TMID01183
PROJECT NAME	PROJECT – IOT-BASED SAFETY GADGET FOR CHILD SAFETY MONITORING AND NOTIFICATION

The screenshot displays the IBM Cloud Developer console interface for a Node RED service. The browser address bar shows the URL: `cloud.ibm.com/developer/appservice/apps/e81533d7-bb82-4e8d-a687-b911b8791c30`. The page title is "Node RED IOQUX 2022-11-06".

Details:

- App URL: You must deploy your app first
- Source: [Download code](#)
- Resource group: [Default](#)
- Deployment target: You must deploy your app first
- Created: 11/6/2022

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:


- Use the **Services** card to connect a service to your app. Select an existing service instance, or create a new one. [Learn more](#)
- If you want to view the code before your app is deployed, click **Download code** to obtain the .zip file.
- Click **Deploy your app** in the **Deployment Automation** card to select the deployment target and configure the Continuous Delivery service. The deployment begins automatically.
- After the deployment begins, you can view the status of the deployment, modify your app, view your repo, or view the app's URL.


The bottom of the screen shows the Windows taskbar with the search bar, task icons, and system tray information: 31°C Partly sunny, 01:46 PM, 06-11-2022.


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.

**Code Engine**
IBM
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 API key

462jcMzu0NYo4hoAV0TL7MGx-CeKeSmMMqE10R3Q-grO



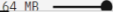
Number of instances

1

▼

Memory allocation per instance

64 MB



2048 MB 256

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. [Create org.](#)

Steps

- Select the number of instances, memory allocation, **region**, **org**, and **space**.
- Select the **domain** and provide a **host** name.


ASK A QUESTION

Resource list / App details /

Node RED IOQUX 2022-11-06 [Add tags](#)

Details

Services

**Cloudant**

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

Credentials ▼


Connect existing services +

Create service +

Deployment Automation

Name [NodeREDIOQUX2022-11-06](#)

Location Dallas

Tool integrations 

Delivery Pipelines

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

Getting started quickly

Configuring your app

To connect services and DevOps toolchains to your app:

- Use the **Services** card to connect a service to your app. Select an existing service instance, or create a new one. [Learn more.](#)
- If you want to view the code before your app is deployed, click **Download code** to obtain the .zip file.
- Click **Deploy your app** in the **Deployment Automation** card to select the deployment target and configure the Continuous Delivery service. The deployment begins automatically.
- After the deployment begins, you can view the status of the deployment, modify your app, view your repo, or view the app's URL.

Success! Your DevOps toolchain is created

11/6/2022, 1:57:12 PM

ASK A QUESTION

IBM Cloud Foundry Public is deprecated. [Learn more](#)

IBM Cloud API key

Number of instances: 1

Memory allocation per instance: 64 MB (slider) 2000 MB 256

Region: London Organization: sandhiya160901 Space: NodeMCU123

Host: node-red-ioqux-2022-11-06 Domain: eu-gb.mybluemix.net

Cancel Next

ASK A QUESTION

Node-RED

Flow 1

inject -> Hello Node-RED! -> msg.payload

debug

11/6/2022, 2:57:02 PM node: f202649a-0d0d98
msg.payload: string(15)
"Hello Node-RED!"

RESULT:

Thus node red service is created.