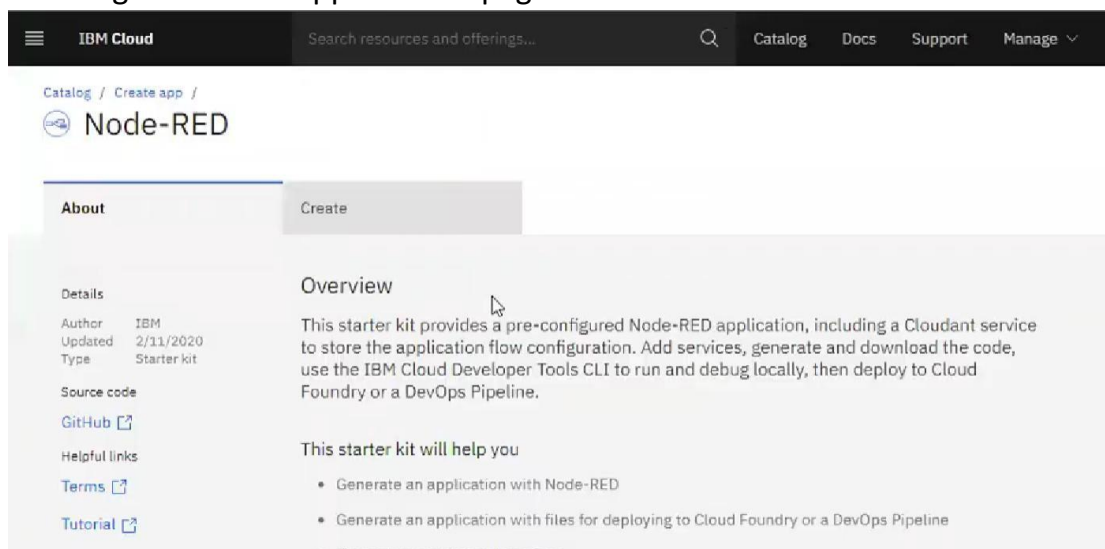


TEAM ID	PNT2022TMID33862
PROJECT NAME	IOT BASED SAFETY GADGETS FOR CHILD SAFETY MONITORING

To create a web application create a Node-RED service.

## Steps:

### 1. Navigated to the App creation page



IBM Cloud Search resources and offerings... Catalog Docs Support Manage

Catalog / Create app / Node-RED

**About** Create

**Details**

Author IBM  
Updated 2/11/2020  
Type Starter kit

Source code  
[GitHub](#)

Helpful links  
[Terms](#)  
[Tutorial](#)

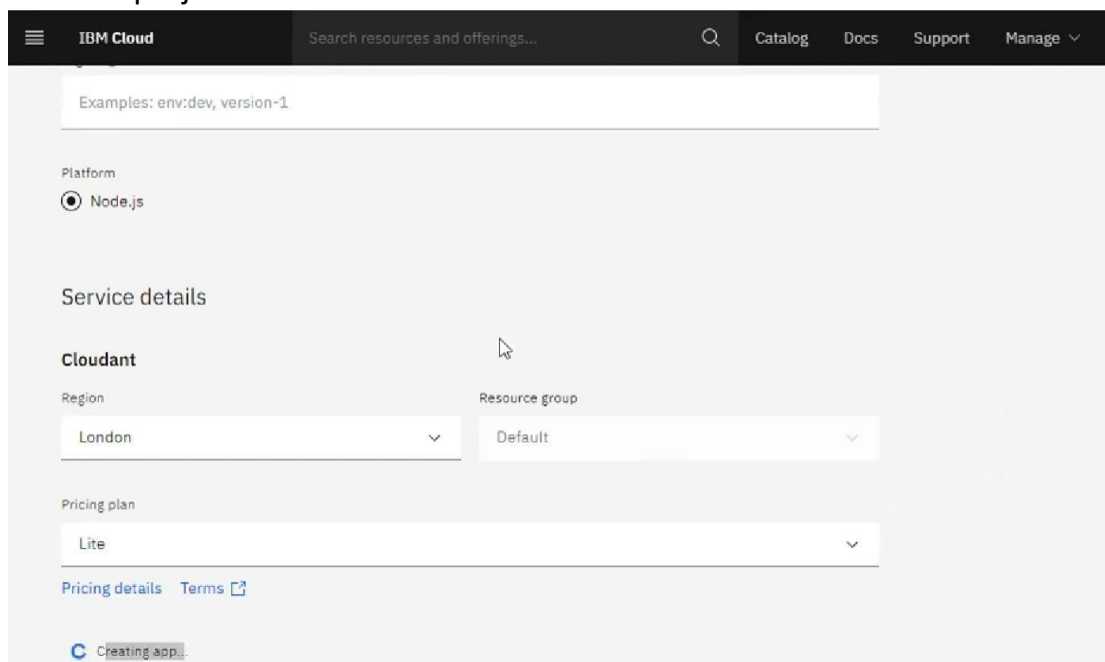
**Overview**

This starter kit provides a pre-configured Node-RED application, including a Cloudant service to store the application flow configuration. Add services, generate and download the code, use the IBM Cloud Developer Tools CLI to run and debug locally, then deploy to Cloud Foundry or a DevOps Pipeline.

This starter kit will help you

- Generate an application with Node-RED
- Generate an application with files for deploying to Cloud Foundry or a DevOps Pipeline
- Connect to provisioned services

### 2. Enter project details and click on create



IBM Cloud Search resources and offerings... Catalog Docs Support Manage

Examples: env:dev, version-1

Platform  
☒ Node.js

**Service details**

**Cloudant**

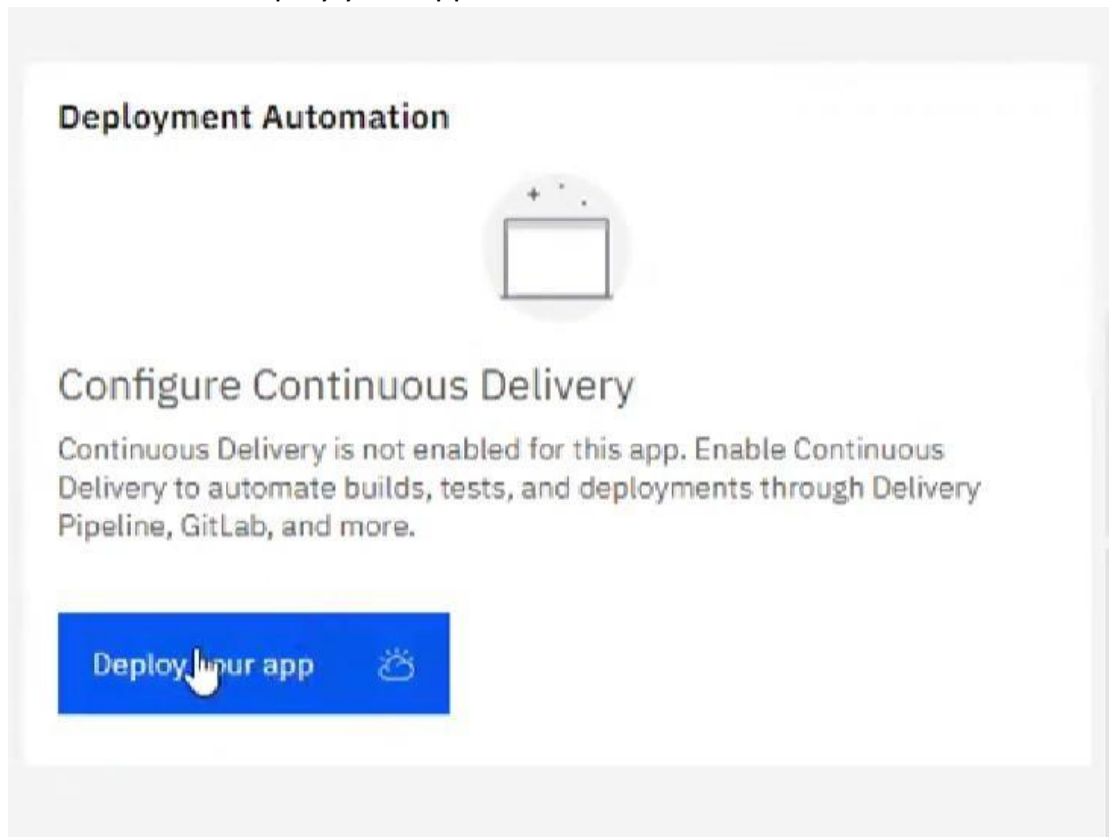
Region: London  
Resource group: Default

Pricing plan: Lite

[Pricing details](#) [Terms](#)

Creating app...

3. Click on the “Deploy your App” Button



4. Set up the environment and deploy the app

The screenshot shows the IBM Cloud console interface. At the top, there's a navigation bar with the IBM Cloud logo, a search bar, and links to Catalog, Docs, Support, and Manage. Below this, a configuration section for a new instance is visible, including a dropdown for 'Number of instances' set to 1, a slider for 'Memory allocation per instance' ranging from 64 MB to 2000 MB (currently at 256 MB), and input fields for 'Region', 'Organization', and 'Space'. Below the configuration section, a 'Delivery Pipelines' summary is shown with the following details:

Name	Status	Last input
ci-pipeline	Success	Last commit by IBM Cloud DevOps Services (7 minutes ago)

Additional links like 'Clone from zip' are also present.

## 5. Instance editor and set up credentials

The screenshot displays the 'Welcome to your new Node-RED instance on IBM Cloud' setup screen. It provides instructions on what to do next and offers two security options for the 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

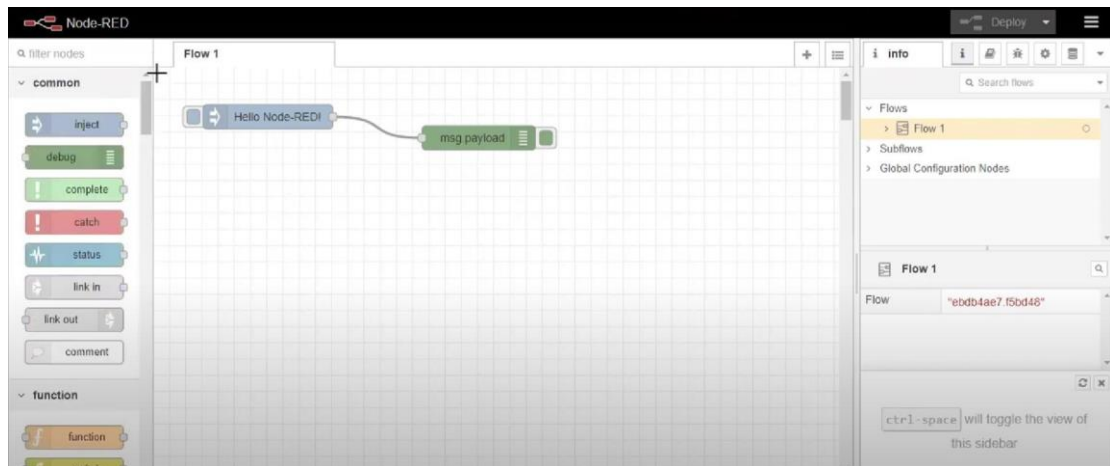
☐ Secure your editor so only authorised users can access it

☒ *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

## 6. Drag and drop components into the editor



7. deployed the app



## CONCLUSION:

A NODE-RED service was created on IBM Cloud successfully.