

Create Node-RED Service

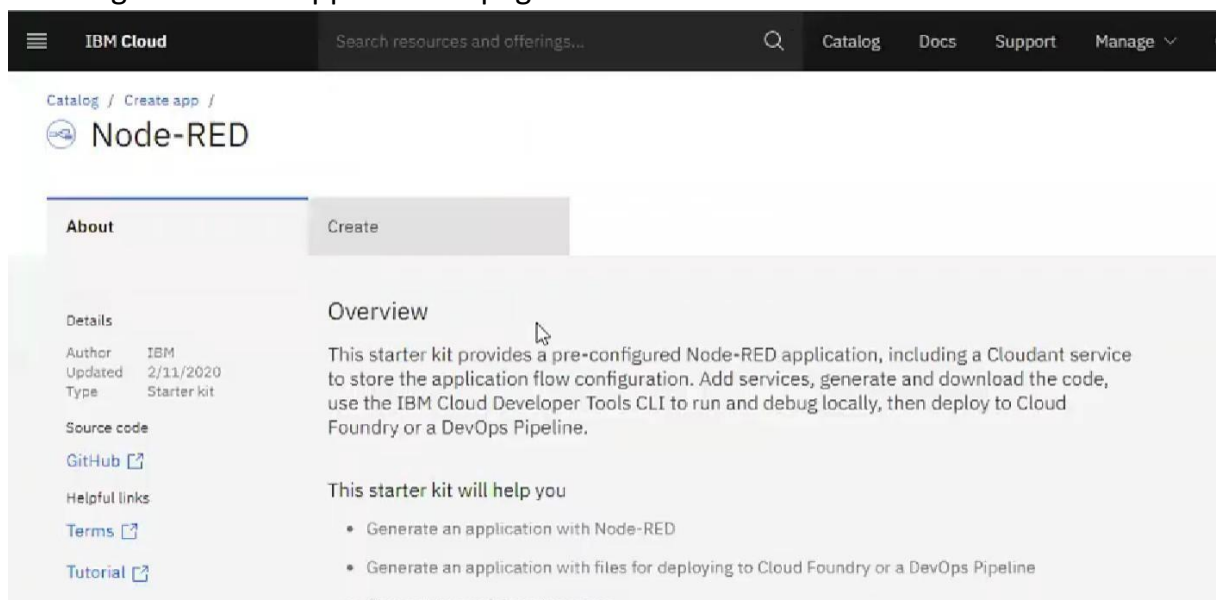
TEAM ID	PNT2022TMID33322
PROJECT NAME	IOT BASED SAFETY GADGET FOR CHILD SAFETY MONITORING AND NOTIFICATION

Aim:

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

Followed:

- Navigated to the App creation page



The screenshot shows the IBM Cloud 'Create app' page for Node-RED. The page has a dark header with the IBM Cloud logo, a search bar, and navigation links for Catalog, Docs, Support, and Manage. Below the header, the breadcrumb 'Catalog / Create app /' is visible, followed by the Node-RED logo and name. A 'Create' button is prominently displayed. On the left, there is a sidebar with 'About' and 'Details' sections. The 'Details' section lists the author as IBM, the update date as 2/11/2020, and the type as 'Starter kit'. It also includes links for Source code, GitHub, Helpful links, Terms, and Tutorial. The main content area is titled 'Overview' and describes the starter kit as a pre-configured Node-RED application with a Cloudant service for configuration storage. It provides instructions on using the IBM Cloud Developer Tools CLI for local development and deployment to Cloud Foundry or a DevOps Pipeline. A section titled 'This starter kit will help you' lists two main tasks: generating an application with Node-RED and generating files for deployment.

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.

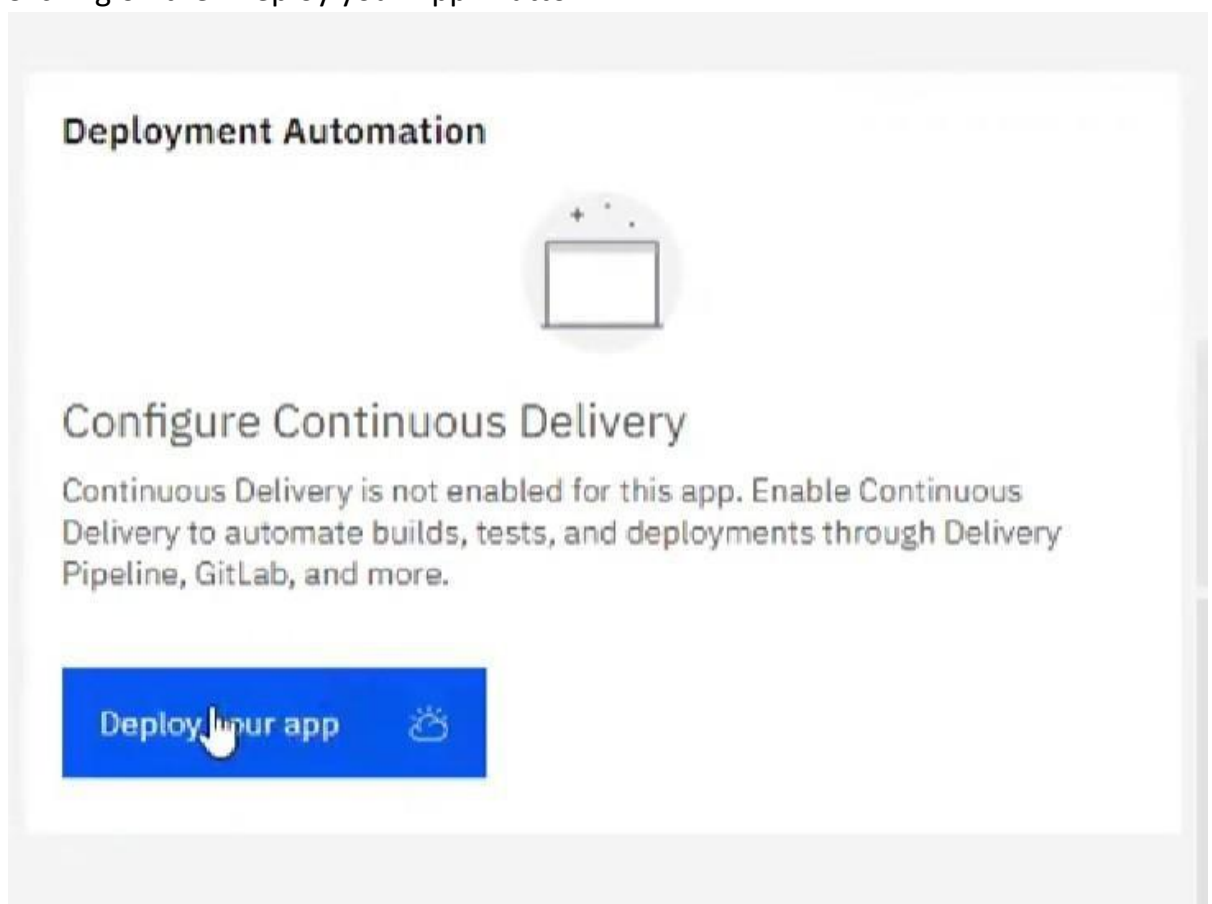
This starter kit will help you

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

- Entered project details and clicked on create

The screenshot shows the IBM Cloud console interface. At the top, there's a dark header with the IBM Cloud logo, a search bar, and navigation links for Catalog, Docs, Support, and Manage. Below the header, a search bar contains the text "Examples: env:dev, version-1". The main content area is titled "Platform" and shows "Node.js" selected. Under "Service details", the "Cloudant" service is chosen. The "Region" is set to "London" and the "Resource group" is set to "Default". The "Pricing plan" is set to "Lite". At the bottom, there are links for "Pricing details" and "Terms", and a status indicator showing "Creating app..." with a progress bar.

Clicking on the “Deploy your App” Button



- Setting up the environment and deploying the app

The screenshot shows the IBM Cloud console interface for creating a new instance. The top navigation bar includes the IBM Cloud logo, a search bar, and links to Catalog, Docs, Support, and Manage. Below the navigation bar, there's a 'New' button with a plus icon. The main configuration area includes a 'Number of instances' dropdown set to 1, a 'Memory allocation per instance' slider ranging from 64 MB to 2000 MB (currently set at 256 MB), and dropdown menus for 'Region', 'Organization', and 'Space'. At the bottom, there are fields for 'Host' and 'Domain'.

Successfully deployed the app

Delivery Pipelines

Name	ci-pipeline ↗
Status	✓ Success ↗
Last input	Last commit by IBM Cloud DevOps Services (7 minutes ago) Clone from zip ↗

- 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

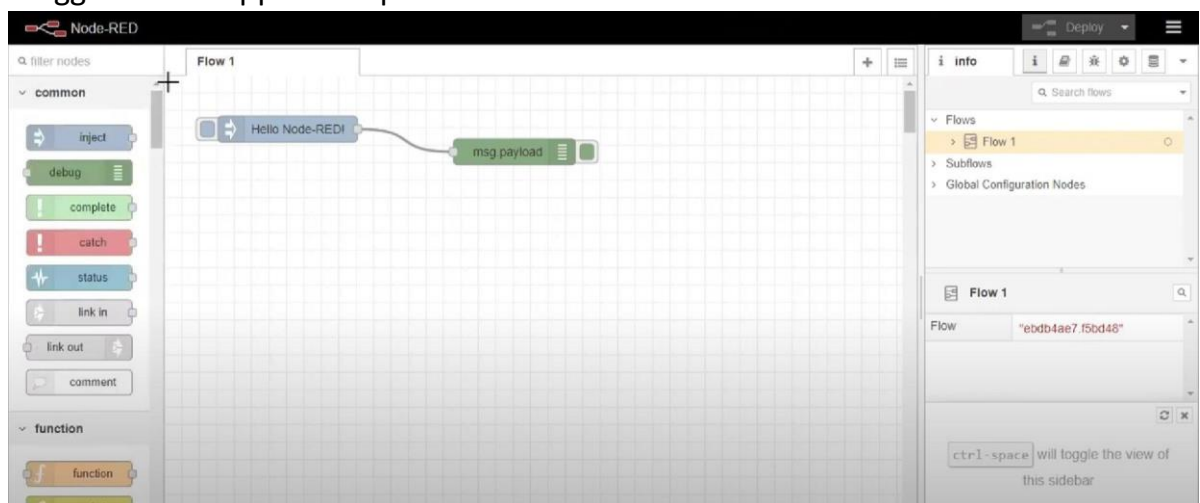
☐ Secure your editor so only authorised users can access it

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

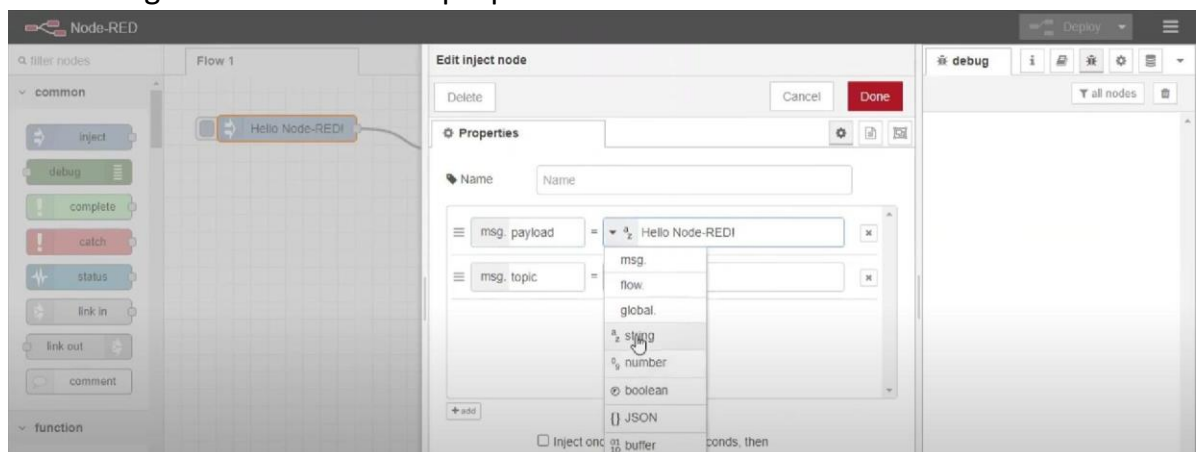
Your editor will not be secured. Anyone with the URL will be able to access your flows, data and bound services.

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

Dragged and dropped components into the editor



- Editing some values of the properties



- Successfully deployed the app



Result:

Successfully created a Node RED service on IBM Cloud