

Create Node-RED Service

Date	9 NOVEMBER 2022
Team ID	PNT2022TMID31718
Project Name	Industry-Specific Intelligent Fire Management System

Aim:

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

Steps to be followed

Step 1: Navigated to the App creation page.

The screenshot shows the IBM Cloud interface for creating a Node-RED application. The top navigation bar includes the IBM Cloud logo, a search bar, and links to Catalog, Manage, and the user's account (Sneha P's Account). The main header displays 'Node-RED' with a 'Create' button. The left sidebar contains links for About, Details, Source code, and Helpful links. The main content area is titled 'Overview' and describes the starter kit's purpose: to provide a pre-configured Node-RED application with a Cloudant service for configuration storage. It lists three steps: generating an application with Node-RED, generating files for deployment to Cloud Foundry or a DevOps Pipeline, and connecting to provisioned services. A 'What's included?' section is partially visible at the bottom. A Windows activation watermark is present in the bottom right corner.

IBM Cloud

Search resources and products...

Catalog Manage Sneha P's Account

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

What's included?

Activate Windows
Go to Settings to activate Windows.

View docs View API reference

Step 2: Entered project details and clicked on create

IBM Cloud Search resources and products... Catalog Manage Sneha P's Account

Catalog / Create app / Node-RED

About Create

App details

App name
Node RED SPFDT 2022-11-12
Accept the default name, or enter a value between 2 and 128 characters.

Resource group
Default

Tags ⓘ
Examples: env:dev, version-1

Platform

Activate Windows
Go to Settings to activate Windows

Step 3: Clicking on the “Deploy your App” Button.

IBM Cloud Search resources and products... Catalog Manage Sneha P's Account

Catalog / Create app / Node-RED

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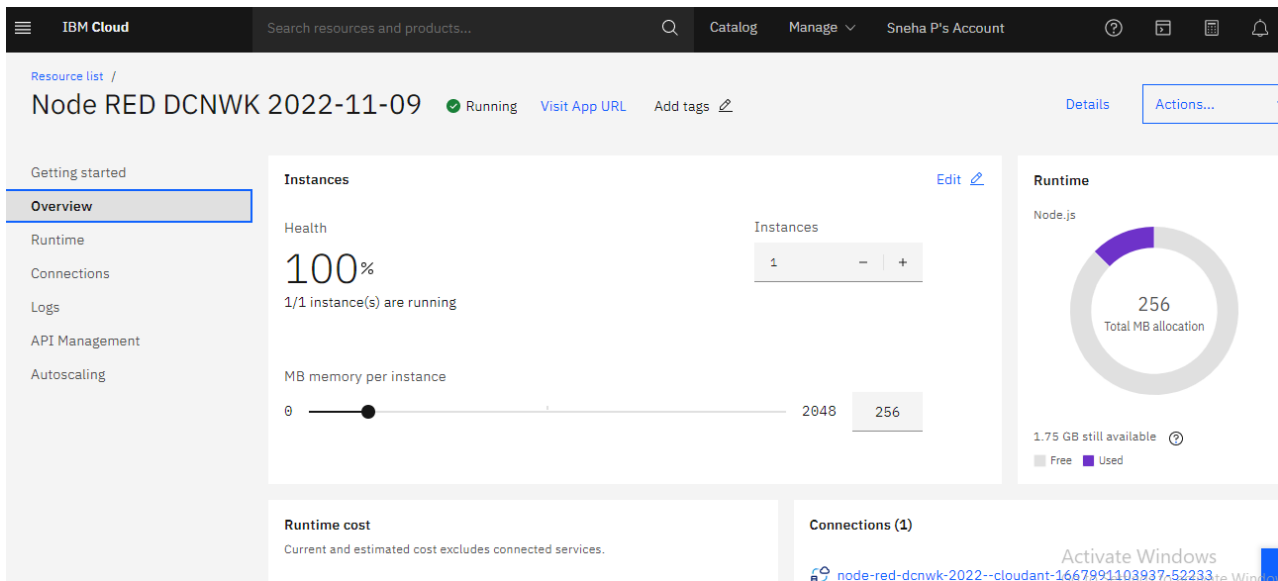
Resource group
Default

Tags ⓘ
Examples: env:dev, version-1

Platform

Activate Windows
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Step 4: Setting up the environment and deploying the app.

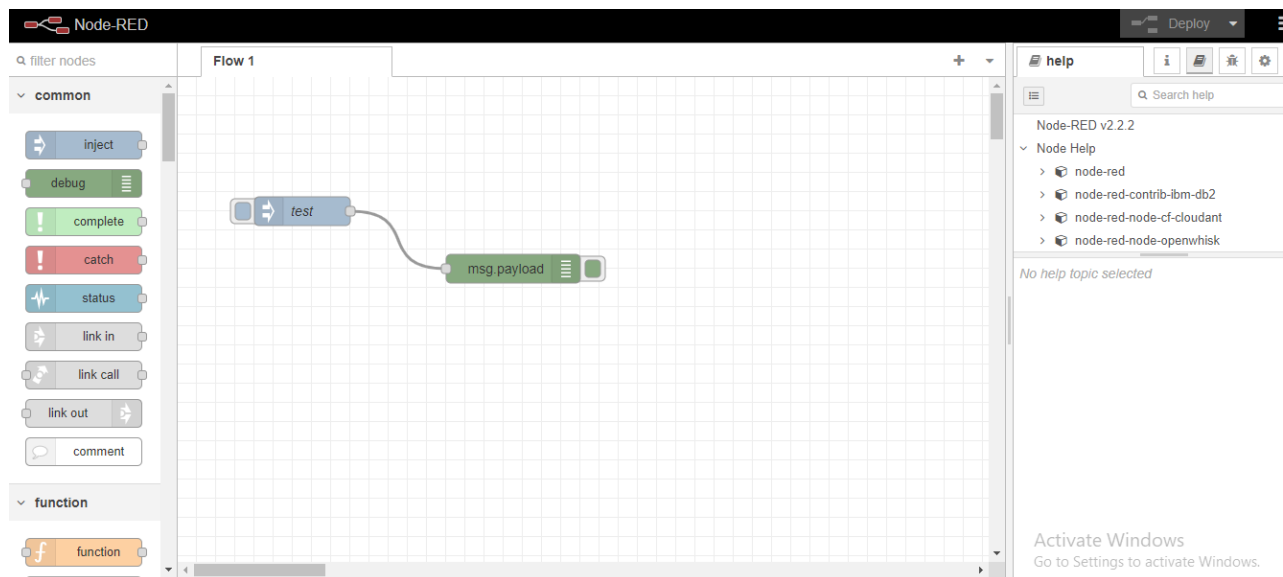


Step 5: Successfully deployed the app.

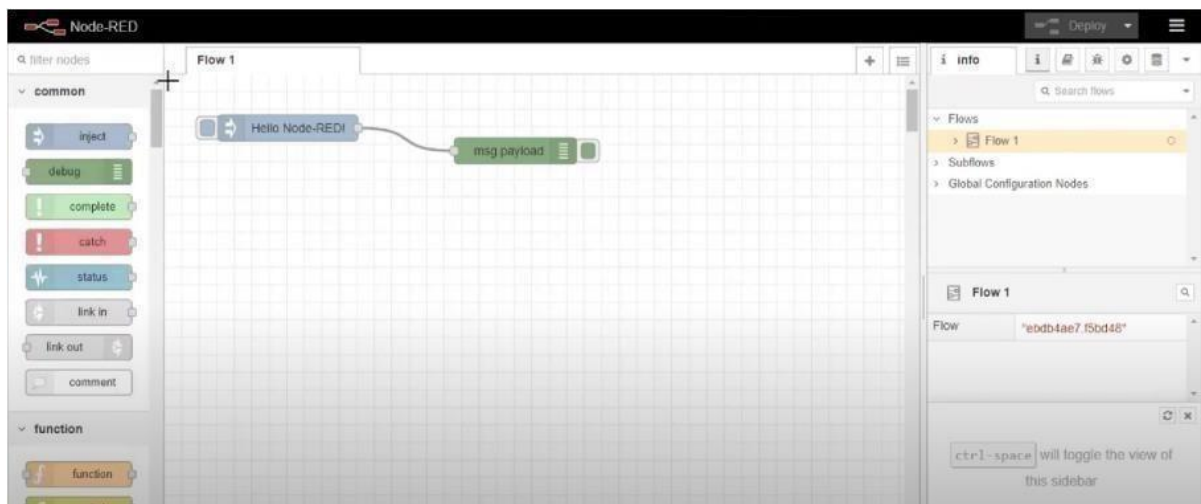
Delivery Pipelines

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

Step 6: Dragged and dropped components into the editor.



Step 7: Editing some values of the properties.



Step 8: Successfully deployed the app.



Result:

Successfully created a Node RED service on IBM Cloud.