

CREATE NODE-RED SERVICES

Team ID	PNT2022TMID24904
Project Name	Smart Farmer-IOT Enabled Smart Farming Application

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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?

View docs View API reference

ASK A QUESTION

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IBM Cloud Developer Portal - Create app

Node-RED

About Create

App details

App name: Node RED JUZSX 2022-11-17

Resource group: Default

Tags: Examples: env:dev, version-1

Platform: Node.js

IBM Cloud Developer Portal - App details

Node RED DVOCI 2022-11-17

Details

App URL	You must deploy your app first
Source	Download code
Resource group	Default
Deployment target	You must deploy your app first
Created	11/17/2022

Services

Cloudant Provisioning service 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

IBM

cloud.ibm.com/developer/appservice/apps/b00f6176-a94d-4d09-b99d-ad4657c33811

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Resource list / App details /

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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**
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.

Getting started with apps

Step 1. Select the deployment target
Select your deployment target, and then provide the configuration information.

IBM Cloud Kubernetes Service
Kubernetes is an open source platform for managing containerized workloads and services across multiple hosts, and offers management tools for deploying, automating, monitoring, and scaling containerized apps with minimal to no manual intervention. [Learn more.](#)

Before you begin

- One free Kubernetes cluster is available per account.
- If you don't have an available cluster, you must create one before continuing. Allow 10-20 minutes for the cluster to be...

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17-11-2022

IBM

cloud.ibm.com/account/cloud-foundry

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Account

Account resources

Resource groups

Cloud Foundry orgs

Licenses and entitlements

Tags

Dashboards

Account settings

IBM Cloud Shell settings

Notification distribution list

Classic infrastructure

Subscriptions


Audit log

Company information

Cloud Foundry Orgs

IBM Cloud Foundry Public is being deprecated. Please see [full details.](#)

Create

Name	Date Created	Spaces	Roles	Actions
				

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17-11-2022

IBM Cloud Account Management Interface - Cloud Foundry Orgs

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- Subscriptions
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- Company information

Cloud Foundry Orgs

IBM Cloud Foundry Public is being deprecated. Please see [full details](#).

Create

Name	Date Created	Spaces	Roles	Actions
suryakiran	11/17/2022	0	Manager	

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26°C 22:25 17-11-2022

IBM Cloud Account Management Interface - Cloud Foundry Orgs / suryakiran

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Cloud Foundry Orgs / [suryakiran](#)

Spaces Users Domains Info

Add a space

Name	Region	ID	Manager	Date Created	Actions
suryakiran	Sydney	5040d6dc-0b33-4085-bb63-1e0b61f3e0da	✓	11/17/2022	

Type here to search

26°C 22:28 17-11-2022

IBM Cloud API key

Number of instances

Memory allocation per instance

64 MB 2000 MB 256

Region Organization Space

Sydney suryakiran suryakiran

Host Domain

node-red-dvoci-2022-11-17 au-syd.mybluemix.net

Cancel Next

ASK A QUESTION

Node RED DVOCI 2022-11-17

Select the deployment target Configure the DevOps toolchain

Configure the DevOps toolchain

Give your toolchain a name and select the region to create your toolchain in.

DevOps toolchain name

NodeREDDVOCI2022-11-17

Accept the default name, or enter a value up to 100 characters.

Region

Sydney

Back Create

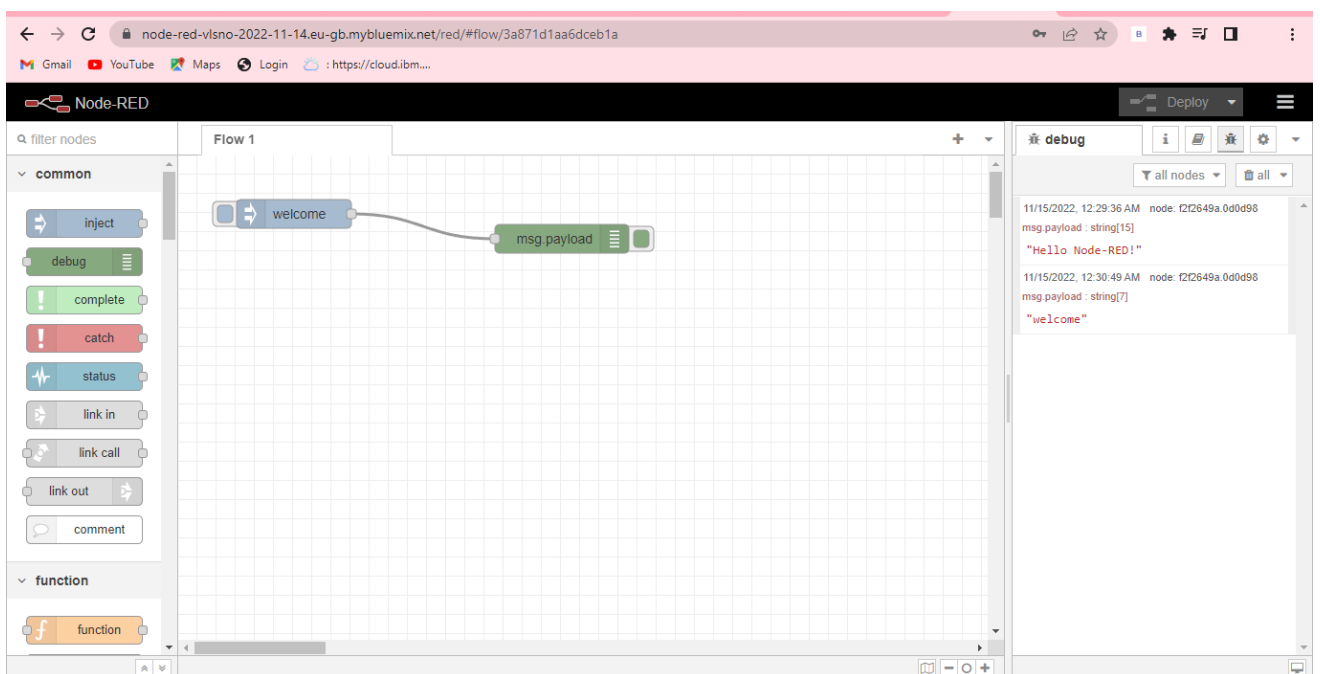
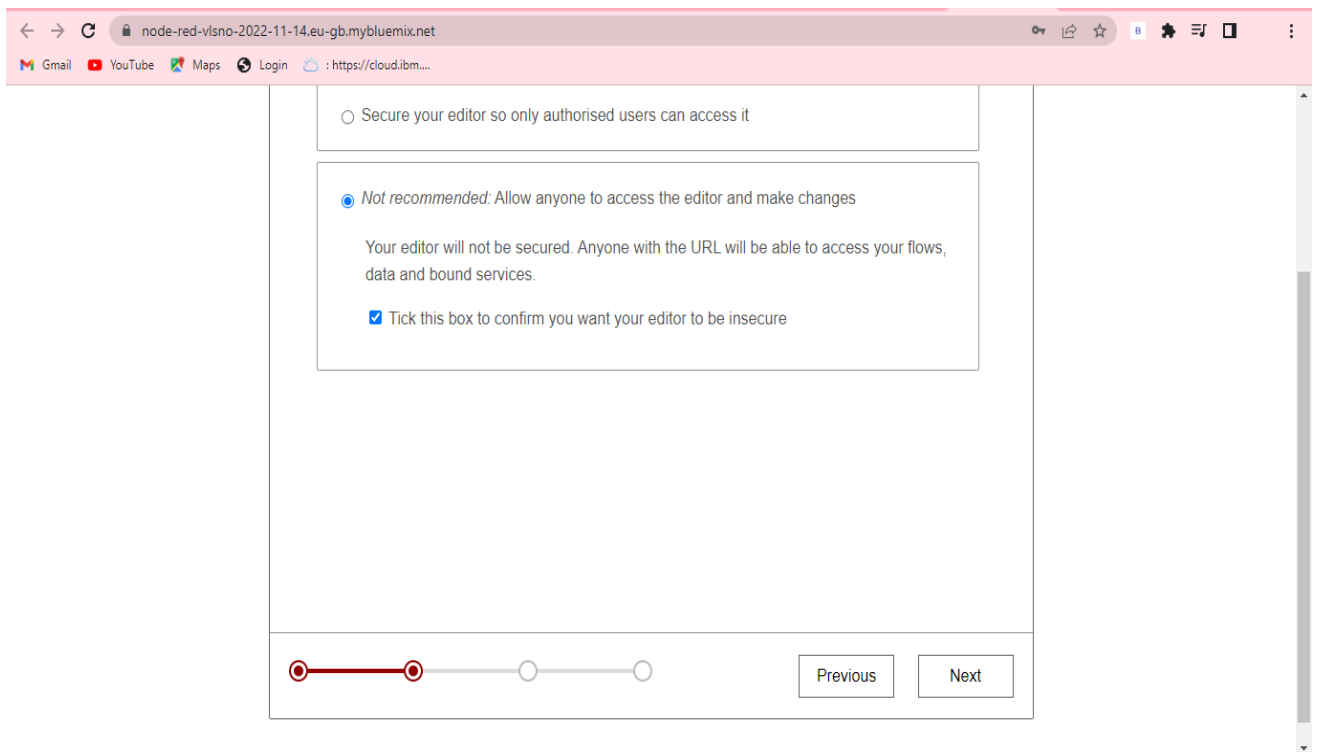
Getting started with apps

Step 2. Configure the DevOps toolchain

The DevOps toolchain includes a Delivery Pipeline tool where you can check the deployment status, start builds, manage deployment, and view logs and history.

1. Provide a name for your toolchain.
2. Select the region where your toolchain is created.
3. Select the resource group that has access to your new toolchain. [Learn more.](#)
4. After you're finished with your selections, click **Create**.

ASK A QUESTION



127.0.0.1:1880/#flow/3edc1e315ee38210

Node-RED

Flow 2

node red

msg

payload msg

debug

selected nodes

all

11/11/2022, 8:44:35 PM node: msg
msg.payload: string[22]
"welcome to ibm project"

11/11/2022, 8:44:48 PM node: msg
msg.payload: string[22]
"welcome to ibm project"

11/11/2022, 8:45:02 PM node: msg
msg.payload: string[22]
"welcome to ibm project"

127.0.0.1:1880/#flow/3edc1e315ee38210

Node-RED

Flow 2

node red

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