

# **SMART FARMER -IOT ENABLED SMART FARMING APPLICATION**

## **Create Node - RED Service**

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**Details**

Author	IBM
Updated	10/02/2020
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?

 **Cloudant**  
Free to start [View pricing](#)

[View docs](#) [View API reference](#)

[Get started](#)



ASK A QUESTION

IBM Cloud Free Tier | IBM

IBM App Development

cloud.ibm.com/developer/appservice/apps/45ca28f6-62e8-411d-983a-31db56ac7a48

Gmail

Maps

Volume Control Ce...

Volume Control Ce...

IBM Cloud

Search resources and products...

Catalog

Manage

Suba M's Account

Resource list / App details /

Node RED FRHJE 2022-11-16

Add tags

Actions...

Details

App URL

Source

You must deploy your app first

Download code

Resource group

Default

Deployment target

You must deploy your app first

Created

15/11/2022

Services

Cloudant

Open dashboard

Documentation

API reference

Credentials

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

ASK A QUESTION

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IBM App Development

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cloud.ibm.com/developer/appservice/apps/45ca28f6-62e8-411d-983a-31db56ac7a48

Gmail Maps Volume Control Ce... Volume Control Ce...

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?

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 API key

IBM Cloud API key

The value is required.

Container registry region

Container registry region

Cluster region

Cluster resource group

Cluster namespace

Cluster name

Cluster region

Cluster resource group

default

No clusters available

Steps

Create a new API key with full access

Warning: This will create a new API key that allows anyone who has it the ability to do anything you could do. You can improve your security posture by using the [IAM UI to create a service ID API key](#) that limits access to only what your pipeline requires, and then pasting that into the template UI instead. For more information on API keys and access see the [IAM documentation](#).

Name

Description

API Key for NodeREDFRHJE2022-11-16

☐ Save this key in a secrets store for reuse

Cancel

OK

IBM Cloud API key, or select an from a secrets store.

container registry region.

container registry namespace if already completed.

region where your Kubernetes cated.

resource group, cluster and the cluster name.

ment type of Helm is selected

ASK A QUESTION

Node-RED is a programming tool for wiring together hardware devices, APIs and online services in new and interesting ways.

This instance is running as an IBM Cloud application, giving it access to the wide range of services available on the platform.

More information about Node-RED, including documentation, can be found at [nodered.org](https://nodered.org).

[Go to your Node-RED flow editor](#)

[Learn how to customise Node-RED](#)

## Customising your instance of Node-RED

This instance of Node-RED is enough to get you started creating flows.

You may want to customise it for your needs, for example replacing this introduction page with your own, adding http authentication to the flow editor or adding new nodes to the palette.

[Tutorial: Customising your Node-RED instance](#)

Node-RED

Deploy

filter nodes

common

inject

debug

complete

catch

status

link in

link call

link out

comment

function

Flow 1

Hello Node-RED!

msg.payload

info

Search flows

Flows

Flow 1

Subflows

Global Configuration Nodes

Flow 1

Flow

"a5669ae5a8de3ef8"

Show the Info tab with `ctrl-g` `i` or the Debug tab with `ctrl-g` `d`