

## Create node-red service

Team id	PNT2022TMID13452
Project title	Real time river water quality monitoring and control system
Team leader	M.Ayyanar
Team member 1	M.Esakkimuthu
Team member 2	M.Kaviarasan
Team member 3	A.Arokiya jeyaprakash



# Node-RED

About

Create

## Details

Author IBM  
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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

Deploy mode to go



### 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.



### 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

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New



Container registry region

Dallas

Container registry namespace

Container registry namespace

Cluster region

Frankfurt

Cluster resource group

Default

Cluster namespace

default

Cluster name

mycluster-free

Deployment type



Helm

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.](#)

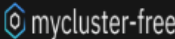
Before you begin

- 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 provisioned. [Create cluster.](#)

Steps

1. Create an IBM Cloud API key, or select an existing one from a secrets store.
2. Select the container registry region.
3. Enter the container registry namespace if it is not already completed.
4. Select the region where your Kubernetes cluster is located.
5. Select the resource group, cluster namespace, and the cluster name.
6. The deployment type of **Helm** is selected for you.
7. Click **Next**.

Clusters /

 Normal Expires in 30 days [Add tags](#)

[Help](#) [Kubernetes dashboard](#)

Actions...

Overview

Worker nodes

Worker pools

DevOps New

Expires in 30 days:

Be sure to back up your data, your cluster will be deleted in 30 days. To access the full capabilities of the service, try out a [standard cluster](#).

Node status

1 of 1

Normal

[Details](#)

Add-on status

0 of 0

Normal

[Details](#)

Master status

Normal

[Docs](#)

Ingress status

Unknown

—

[Docs](#)

Details

Cluster ID

cdnhg2gi00sud9a975ug

Version

1.24.7\_1542

Infrastructure

Classic

Zones

Milan 01

Created

11/12/2022, 9:20 AM

Resource group

Default

Image security enforcement

Enable

Node health

[Worker node details](#)

1 total nodes

Help

Log in to your cluster

Deploy your app

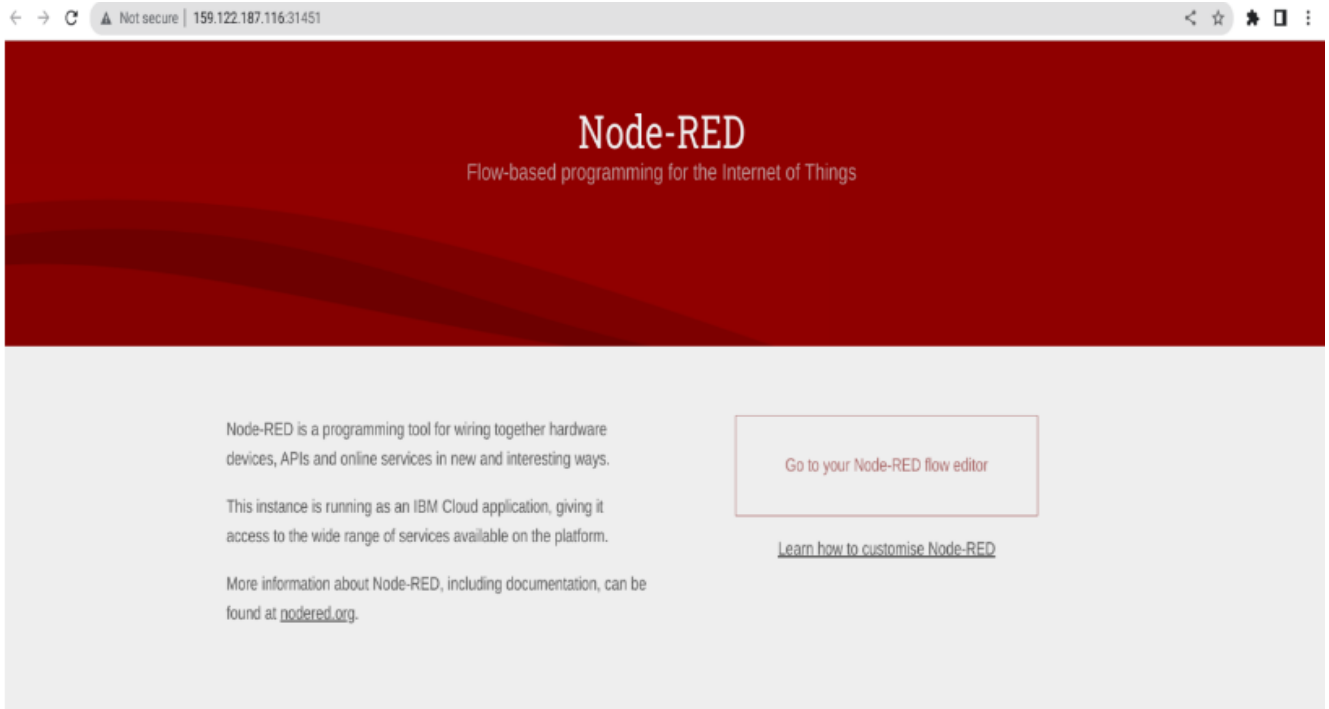
Expose your app

Add storage to your app

Connect integrations

Install add-ons

Troubleshoot



## Customising your instance of Node-RED

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

filter nodes

Flow 1

common

inject

debug

complete

catch

status

link in

link call

link out

comment

function

function

msg.payload

Hello Node-RED!

info

Search flows

Flows

Flow 1

Subflows

Global Configuration Nodes

Flow 1

Flow

"242c6d91a1c97067"

View flow

Reset

Close