

TEAM ID :	PNT2022TMID11797
PROJECT NAME :	PERSONAL ASSISTANCE FOR SENIORS WHO ARE SELF RELIANT

About

Create

Details

AuthorIBM

Updated2/11/2020

TypeStarter 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

Node-RED

About

Create

App details

App name

Node RED KDOFX 2022-11-13

Accept the default name, or enter a value between 2 and 128 characters.

Resource group

Default

Tags ⓘ

Examples: env:dev, version-1

Platform

☒ Node.js

Service details

ASK A QUESTION

Resource list / App details /

Node RED KDOFX 2022-11-13

Add tags

Actions...

Details

App URL

You must deploy your app first

Source

Download code

Resource group

Default

Deployment target

You must deploy your app first

Created

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Services

Cloudant

Open dashboard

Documentation

API reference

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

Getting started quickly

Configuring your app

To connect services and DevOps toolchains to your app:

1. Use the **Services** card to connect a service to your app. Select an existing service instance, or create a new one. [Learn more.](#)

2. If you want to view the code before your app is deployed, click **Download code** to obtain the .zip file.

3. Click **Deploy your app** in the **Deployment Automation** card to select the deployment target and configure the Continuous Delivery service. The deployment begins automatically.

4. After the deployment begins, you can view the status of the deployment, modify

ASK A QUESTION

Kubernetes cluster

Author: IBM • Docs • API docs

Create

About

Plan details

Learn more about the differences between plans in our docs.

Pricing plan

Standard

Infrastructure

Choose which network and compute environment to run your cluster on. [Learn more about the differences.](#)

Classic

Run your cluster with native subnet and VLAN networking on our classic infrastructure.

VPC

Create a fully customizable, software-defined virtual network with superior isolation using IBM Cloud VPC.

Kubernetes cluster

9 Worker nodes

\$2.65/hr

b3c.4x16 - 4 vCPUs 16GB RAM
Virtual - shared
Ubuntu 18

1 Multizone load balancer

\$0.02/hr

Multizone clusters require a cross-zone load balancer.

Total estimated cost

\$1,919.52/mo

Additional charges for networking and bandwidth might apply.
Actual monthly total will vary with tiered pricing.
Estimate does not include costs for integrations.

Upgrade to create

Add to estimate

[Resource list](#) / [App details](#) /

Node RED RIUIX 2022-11-13 [Add tags](#)

Actions...

Details

App URL

You must deploy your app first

Source

<https://us-south.git.cloud.ibm.com/sehjal192002/NodeREDRI...>

Resource group

Default

Deployment target

You must deploy your app first

Created

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Services

Cloudant

[Open dashboard](#) [Documentation](#) [API reference](#)

Credentials

Connect existing services

Create service

Deployment Automation

Name

NodeREDRIUIX2022-11-13

Location

Dallas

Tool integrations

Delivery Pipelines

Name

ci-pipeline

Status

Success

Name

pr-pipeline

Status

No stages detected

Getting started quickly

Configuring your app

To connect services and DevOps toolchains to your app:

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2. If you want to view the code before your app is deployed, click **Download code** to obtain the .zip file.

3. Click **Deploy your app** in the **Deployment Automation** card to select the deployment target and configure the Continuous Delivery service. The deployment begins automatically.

4. After the deployment begins, you can view the status of the deployment, modify your app, view your repo, or view the app's URL.

ASK A QUESTION

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

Secure your Node-RED editor

☒ Secure your editor so only authorised users can access it

Username

Password

Must be at least 8 characters

☐ Allow anyone to view the editor, but not make any changes

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



Previous

Next

Finish the install

You have made the following selections:

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

You can change these settings at any time by setting the following environment variables via the IBM Cloud console:

- `NODE_RED_USERNAME` - the username
- `NODE_RED_PASSWORD` - the password
- `NODE_RED_GUEST_ACCESS` - if set to 'true', allows anyone read-only access to the editor



Previous

Finish

Node-RED

Flow-based programming for the Internet of Things

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.

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.

The screenshot displays the Node-RED web interface. On the left, a sidebar contains a 'filter nodes' search bar and two categories of nodes: 'common' (including inject, debug, complete, catch, status, link in, link call, link out, and comment) and 'function' (including function, switch, change, and range). The main workspace, titled 'Flow 1', shows a flow with two nodes: a blue 'inject' node with the text 'Hello Node-RED!' and a green 'msg.payload' node. A curved line connects the output of the inject node to the input of the msg.payload node. On the right, a sidebar contains an 'info' tab with a search bar, a list of flows (showing 'Flow 1' selected), and a section for 'Flow 1' configuration, including a flow ID and a note about accessing configuration nodes via 'ctrl-g'.