

NODE RED CREATION

TEAM ID : PNT2022TMID27169

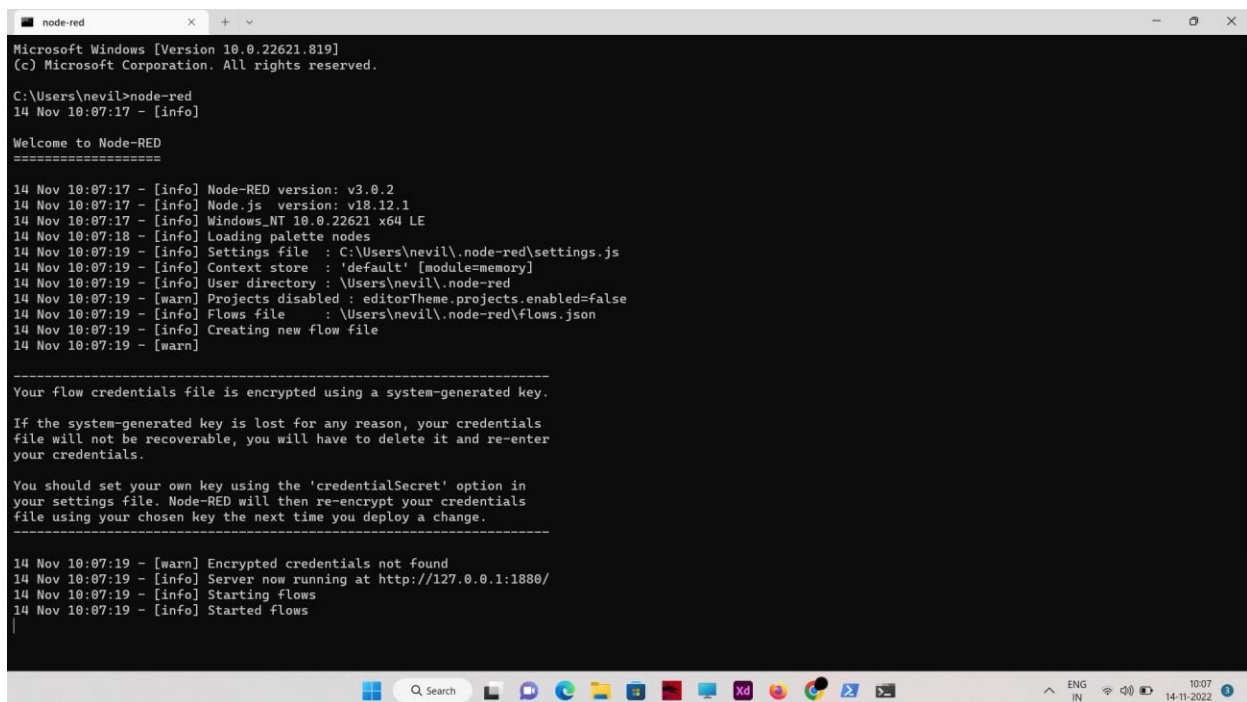
PROJECT NAME: PERSONAL ASSISTANCE FOR SENIORS WHO ARE SELF RELIANT

Step1: go to nodejs website and download .msi file in downloads page.

Step2: run the .msi file and install the nodejs.

Step3: install nodered in command prompt: `npm install -g --unsafe-perm nodered`

Step4: type node-red in cmd and u will get the local server link, just open it.



```
node-red
Microsoft Windows [Version 10.0.22621.819]
(c) Microsoft Corporation. All rights reserved.

C:\Users\nevil>node-red
14 Nov 10:07:17 - [info]

Welcome to Node-RED
=====

14 Nov 10:07:17 - [info] Node-RED version: v3.0.2
14 Nov 10:07:17 - [info] Node.js version: v18.12.1
14 Nov 10:07:17 - [info] Windows_NT 10.0.22621 x64 LE
14 Nov 10:07:18 - [info] Loading palette nodes
14 Nov 10:07:19 - [info] Settings file : C:\Users\nevil\.node-red\settings.js
14 Nov 10:07:19 - [info] Context store : 'default' [module=memory]
14 Nov 10:07:19 - [info] User directory : \Users\nevil\.node-red
14 Nov 10:07:19 - [warn] Projects disabled : editorTheme.projects.enabled=false
14 Nov 10:07:19 - [info] Flows file : \Users\nevil\.node-red\flows.json
14 Nov 10:07:19 - [info] Creating new flow file
14 Nov 10:07:19 - [warn]

-----
Your flow credentials file is encrypted using a system-generated key.

If the system-generated key is lost for any reason, your credentials
file will not be recoverable, you will have to delete it and re-enter
your credentials.

You should set your own key using the 'credentialSecret' option in
your settings file. Node-RED will then re-encrypt your credentials
file using your chosen key the next time you deploy a change.
-----

14 Nov 10:07:19 - [warn] Encrypted credentials not found
14 Nov 10:07:19 - [info] Server now running at http://127.0.0.1:1880/
14 Nov 10:07:19 - [info] Starting flows
14 Nov 10:07:19 - [info] Started flows
```

Dashboard

Edit dashboard Upgrade account Create resource

For you

Build

Explore IBM Cloud with this selection of easy starter tutorials and services.

Use Cloud Foundry

Deploy and run your applications without managing servers or clusters with IBM Cloud Foundry.

Recommended 10 min

Explore IBM Cloud Shell

Try a command-driven approach for creating, developing, and deploying a web project.

Getting started 2 min

Monitor your apps

Analyze logs and monitor application health with IBM Log Analysis and IBM Cloud Monitoring.

Recommended 2 hr

Create and deploy an application

Browse our starter kits, and then select one to jump start the process to create and deploy your app.

Getting started 5 min

Monitor your resources

Get visibility into the performance and health of your resources.

Getting started 5 min

Select an option

News

View all

WebSphere Application Server Support Restatement

IBM Adds Lifecycle Services to Enterprise Networking and Deepens Strategic Partnership with Cisco

Recent support cases

View all

Planned maintenance

View all

IBM Cloud status

View all

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?

Cloudant

Free to start View pricing

View docs View API reference

Get started

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ASK A QUESTION

Node RED QBQVU 2022-11-14

Details

App URL
Source
Resource group
Deployment target
Created

You must deploy your app first
Download code
Default
You must deploy your app first
11/14/2022

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 your app, view your repo, or view the app's URL.

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

Deploy, scale, and manage your containerized application workloads to highly available clusters.



Red Hat OpenShift

Deploy your apps on highly available clusters that come installed with Red Hat OpenShift on IBM Cloud.



Cloud Foundry

Deploy and run your applications without managing servers or clusters. A Lite plan is available for quick and easy deployment.



Code Engine

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

.....



New

Number of instances

1

Step 1. Select the deployment target

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

IBM Cloud Foundry

Cloud Foundry is the premier industry standard Platform-as-a-Service (PaaS) that ensures fast, easy, and reliable deployment of cloud-native apps. Cloud Foundry ensures that the build and deploy aspects of coding remain carefully coordinated with any attached services — resulting in quick, consistent and reliable iterating of applications. Cloud Foundry has a Lite plan that allows quick deployments for testing purposes.

Before you begin

- If your account doesn't have a Cloud Foundry org, you must create one. [Create org](#)

Steps

1. Select the number of instances, memory allocation, **region**, **org**, and **space**.
2. Select the **domain** and provide a **host name**.

IBM

cloud.ibm.com/developer/appservice/apps/0b26932b-dcab-476e-9c93-f045ad797e4f

IBM Cloud

Search resources and products...

Catalog

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Nevil Githeon's Account

IBM Cloud Foundry Public is deprecated. [Learn more](#)

IBM Cloud API key

.....

New

Number of instances

1

Memory allocation per instance

64 MB

2000 MB

256

Region

London

Organization

Nevil Githeon

Space

Nevil Githeon

Host

node-red-qbvqu-2022-11-14

Domain

eu-gb.mybluemix.net

Cancel

Next

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ASK A QUESTION

Foundation org, you must create one. [Create org.](#)

Steps

1. Select the number of instances, memory allocation, **region**, **org**, and **space**.
2. Select the **domain** and provide a **host** name.

IBM

cloud.ibm.com/developer/appservice/apps/0b26932b-dcab-476e-9c93-f045ad797e4f

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Resource list / App details /

Node RED QBQVU 2022-11-14

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

NodeREDQBQVU2022-11-14

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

Region

London

Back

Create

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ASK A QUESTION

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**.

Node RED QBQVU 2022-11-14

Add tags

Actions...

Details

App URL	You must deploy your app first
Source	https://eu-gb.git.cloud.ibm.com/310819205051/NodeREDQB...
Resource group	Default
Deployment target	You must deploy your app first
Created	11/14/2022

Services

Cloudant

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

Credentials

Connect existing services

Create service

Deployment Automation

Name	NodeREDQBQVU2022-11-14
Location	London
Tool integrations	

Delivery Pipelines

Name	pr-pipeline
Status	No stages detected
Name	ci-pipeline
Status	No stages detected

Getting started quickly

Configuring your app

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ci-pipeline PipelineRun

Actions

Run pipeline

PipelineRuns

Definitions

Worker

Triggers

Environment properties

Other settings

simple-hosted-pipeline-7514c929-ecd0-4213-acba-a66323ecaa03

Last updated 45 seconds ago

Running Tasks Completed: 2 (Failed: 0, Cancelled 0), Incomplete: 4, Skipped: 0

Duration: 34s

#1 Triggered by 310819205051@smartinternz.com manual-run Worker: IBM Managed workers in LONDON

Show Context

extract-repository-url

extract-value-jq

clone-task

code-risk-analyzer

build

rolling-deploy-task

publish-deployable-t...

extract-value-jq Completed

Duration: 0s

Logs

<https://eu-gb.git.cloud.ibm.com/310819205051/NodeREDQBQVU2022-11-14>

Step completed successfully

Application Details - IBM Cloud x Node-RED : node-red-qbqv-20 x ci-pipeline Dashboard x +

node-red-qbqv-2022-11-14.eu-gb.mybluemix.net/red/#flow/6343aff888e1530

Gmail YouTube Maps Translate Courses Google Meet Earn Money - Work... Free Python Tutoria... IBM

Node-RED

filter nodes

Flow 1

common

- inject
- debug
- complete
- catch
- status
- link in
- link call
- link out
- comment

function

- function
- switch
- change

msg.payload

debug

11/14/2022, 10:41:47 AM node: 62f2649a-0d0d98
msg.payload : string[15]
"Hello Node-RED!"

10:45 14-11-2022

