

NODE RED CREATION

TEAM ID : PNT2022TMID28830

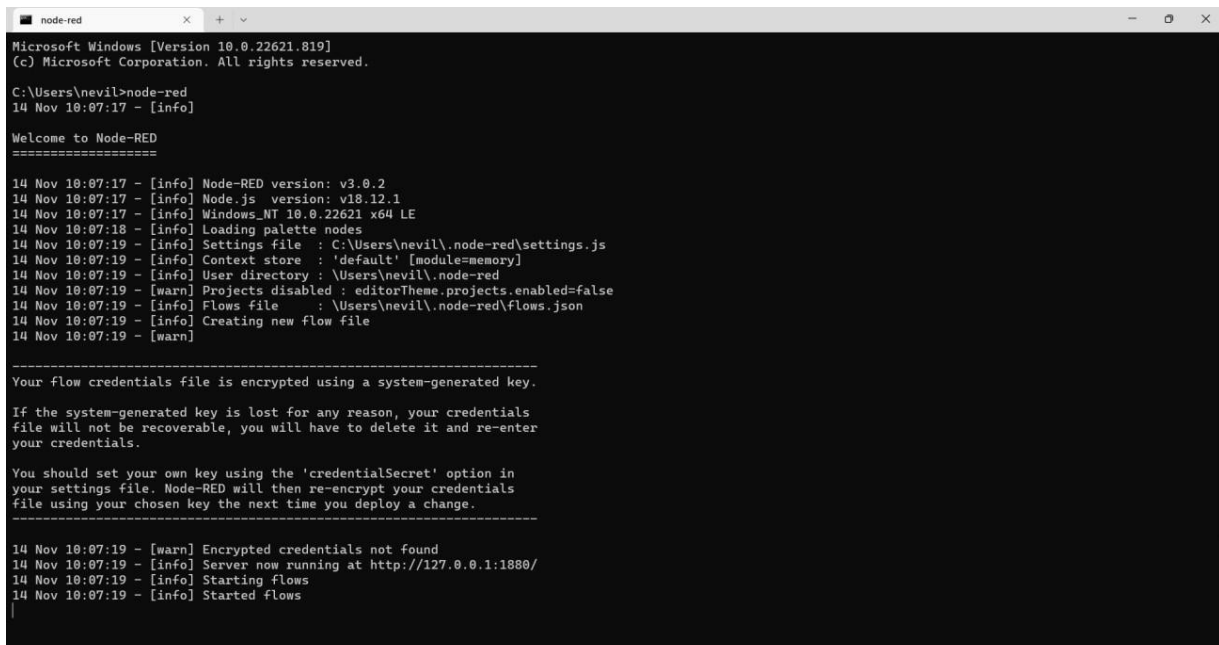
**PROJECT NAME: PERSONAL ASSISTANCE FOR SENIORS WHO
ARE SELF RELIANT**

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

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For you

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Build

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10 min



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[Getting started](#)

2 min



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2 hr



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[Getting started](#)

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About

Create

Details

Author IBM
Updated 2/11/2020
Type Starter kit

Source code

[GitHub](#)

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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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IBM Cloud

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Resource list / App details /

Node RED QBQVU 2022-11-14Add tags

Actions...

Details

App URLYou must deploy your app first

SourceDownload code

Resource groupDefault

Deployment targetYou must deploy your app first

Created11/14/2022

Services

Cloudant

Open dashboardDocumentationAPI reference

Credentials

Connect existing servicesCreate 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.

IBM

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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.

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 Foundry Public is deprecated.

Learn more

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

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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-qbqv-2022-11-14

Domain

eu-gb.mybluemix.net

Cancel

Next

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ASK A QUESTION

Create org.

Steps

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

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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**.

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cloud.ibm.com/developer/appservice/apps/Ob26932b-dcab-476e-9c93-f045ad797e4f

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Resource list / App details /

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

To connect services and DevOps toolchains to your app:

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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.

IBM App Development

cloud.ibm.com/devops/pipelines/tekton/e1fe1951-ed3f-44b2-bb58-188d5f70654/runs/7514c929-ecd0-4213-acba-a66323ecaa03/extract-repository-url/extract-value-jq?env_id=ibmryp:eu-gb

IBM Cloud

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Toolchains / NodeREDQBQVU2022-11-14 / ci-pipeline /

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

Details

```
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/6343aff8f88e1530

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Node-RED

Deploy

filter nodes

Flow 1

common

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

function

- function
- switch
- change

msg.payload

debug

all nodes

all

11/14/2022, 10:41:47 AM node: 1226-49a-0d098

msg.payload : string[15]

"Hello Node-RED!"

10:45 14-11-2022

