

NODE RED CREATION

TEAM ID : PNT2022TMID35094

**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
=====

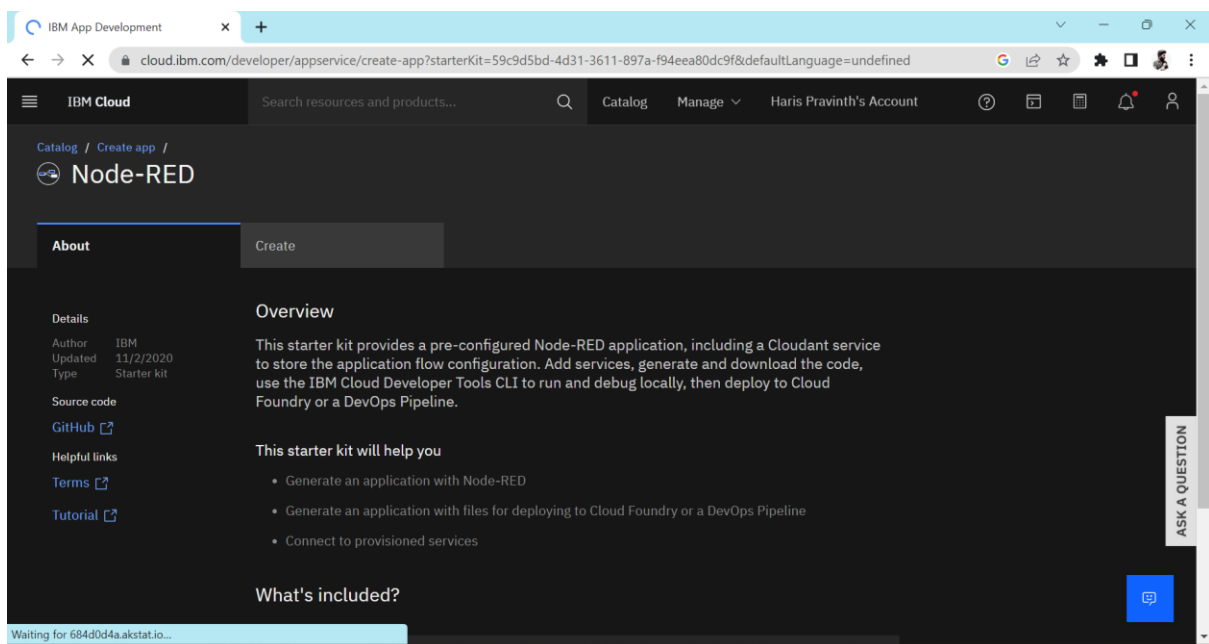
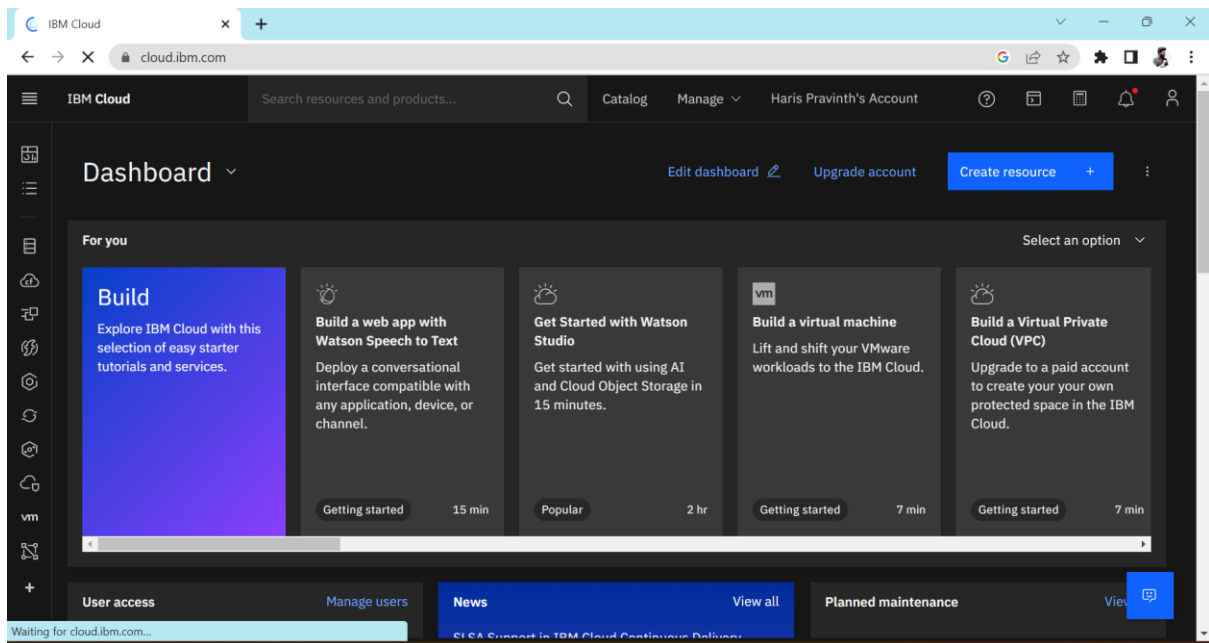
14 Nov 10:07:17 - [info] Node-RED version: v3.0.2
14 Nov 10:07:17 - [info] Node.js version: v18.12.1
14 Nov 10:07:17 - [info] Windows_NT 10.0.22621 x64 LE
14 Nov 10:07:18 - [info] Loading palette nodes
14 Nov 10:07:19 - [info] Settings file : C:\Users\nevil\.node-red\settings.js
14 Nov 10:07:19 - [info] 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
|
```



IBM App Development

cloud.ibm.com/developer/appservice/apps/7854725c-d22d-4fe0-82cb-be69fe2759d6

IBM Cloud

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Node RED KOGLC 2022-11-15

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

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

IBM App Development

cloud.ibm.com/developer/appservice/apps/7854725c-d22d-4fe0-82cb-be69fe2759d6

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Select the deployment target

Configure the DevOps toolchain

Deployment Automation

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.

Getting started with apps

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

ASK A QUESTION

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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-qbvqu-2022-11-14

Domain

eu-gb.mybluemix.net

Cancel

Next

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.

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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

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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IBM Cloud

Node RED QBQVU 2022-11-14

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:

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 App Development

ci-pipeline PipelineRun

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

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

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

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Node-RED

filter nodes

Flow 1

common

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

function

- function
- switch
- change

Flow 1 diagram: A flow with two nodes: "Hello Node-RED!" (inject node) and "msg.payload" (msg.payload node).

debug

all nodes

11/14/2022, 10:41:47 AM node: 022649a.0d0d98
msg.payload : string[15]
"Hello Node-RED!"

10:45 14-11-2022

