

CREATE NODE-RED SERVICE

DATE	29-10-2022
TEAM ID	PNT2022TMID15069
PROJECT NAME	Personal Assistance for Seniors who are Self-Reliant

The step by step procedure to create Node-RED service is given below.

The screenshot shows the IBM Cloud Catalog interface. At the top, there's a navigation bar with 'IBM Cloud', a search bar, and user information. Below the navigation bar, the 'Node-RED' service is selected. The left sidebar contains tabs for 'About' and 'Create'. The main content area is titled 'Overview' and provides details about the Node-RED starter kit, including its purpose, what it helps you do, and what's included. A 'Cloudant' service is highlighted as a dependency.

Node-RED

About

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](#)

The screenshot shows the IBM Cloud App details page for 'Node RED GCIPK 2022-11-21'. The page is divided into several sections: 'Details', 'Services', and 'Deployment Automation'. The 'Details' section shows the app URL, source code, resource group, deployment target, and creation date. The 'Services' section shows the 'Cloudant' service and options to connect existing services or create a new one. The 'Deployment Automation' section provides instructions on how to deploy the app and configure continuous delivery.

Node RED GCIPK 2022-11-21

Details

App URL
Source
Resource group: Default
Deployment target
Created: 11/21/2022

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](#)

IBM Cloud

Search resources and products...

Catalog

Manage

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Resource list / App details /

Node RED GCIPK 2022-11-21


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.

**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

IBM Cloud API key

New

Getting started with apps

Step 1. Select the deployment target

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

IBM Cloud Kubernetes Service

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

IBM Cloud

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

IBM Cloud API key

Number of instances

1

Memory allocation per instance

64 MB

2000 MB

256

Region

London

Organization

RMD

Space

MySpace

Host

node-red-gcipk-2022-11-21

Domain

eu-gb.mybluemix.net

Cancel

Next

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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Node RED GCIPK 2022-11-21

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

NodeREDGCIPK2022-11-21

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

Region

London

Back

Create

Getting started with apps

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IBM Cloud

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Node RED GCIPK 2022-11-21Add tags

Actions...

Details

App URL

You must deploy your app first

Source

<https://eu-gb.git.cloud.ibm.com/111519106141/NodeREDGCIPK2022-11-21-t...>

Resource group

Default

Deployment target

You must deploy your app first

Created

11/21/2022

Services

Cloudant

Open dashboard

Documentation

API reference

Credentials

Connect existing services

Create service

Deployment Automation

Name

NodeREDGCIPK2022-11-21

Location

London

Tool integrations

Delivery Pipelines

Name

pr-pipeline

Status

No stages detected

Name

ci-pipeline

Status

No stages detected

ASK A QUESTION

IBM Cloud

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Resource list /

Node RED GCIPK 2022-11-21RunningVisit App URLAdd tags

DetailsActions...

Getting started

Overview

Runtime

Connections

Logs

API Management

Autoscaling

Instances

Health

100%

1/1 instance(s) are running

MB memory per instance

02048256

Runtime cost

Current and estimated cost excludes connected services.

\$0.00\$0.00

Connections (1)

node-red-gcipk-2022--cloudant-1669050440779-42687

Runtime

Node.js

256

Total MB allocation

1.75 GB still available

FreeUsed

IBM Cloud Foundry Public is being deprecated. Please see full details.

Node-RED

filter nodes

common

function

Flow 1

inject

debug

complete

catch

status

link in

link call

link out

comment

function

switch

change

Flow 1

inject

msg.payload

Info

Flows

Flow 1

Subflows

Global Configuration Nodes

Flow 1

Flow

"d6c88a1c940bbf76"

Switch flow tabs with

ctrl-1

and

ctrl-1

