

Create and Configure IBM Cloud Services

Node- RED Service creation

Date	29 October 2022
Team ID	PNT2022TMID12751
Project Name	IoT Based Smart Waste Management System for Metropolitan Cities

Go to IBM cloud and in catalog Search Node Red and follow the steps.

The screenshot shows the IBM Cloud console interface. On the left, the 'Details' section displays the App URL, Source (with a 'Download code' button), Resource group (Default), Deployment target, and Created date (13/11/2022). Below this, the 'Services' section shows the 'Cloudant' service with links to 'Open dashboard', 'Documentation', and 'API reference'. On the right, the 'Deployment Automation' section includes a 'Configure Continuous Delivery' section with a 'Deploy your app' button. A vertical 'ASK A QUESTION' button is visible on the far right.

Deploying the app

The screenshot shows the IBM Cloud console interface for deploying a service. The top navigation bar includes the IBM Cloud logo, a search bar, and links to 'Catalog', 'Manage', and 'Indhuja P's Account'. The main content area is titled 'Deployment target' and features four service cards: 'Kubernetes Service', 'Red Hat OpenShift', 'Cloud Foundry', and 'Code Engine'. Below these cards, the 'IBM Cloud API key' section shows a masked key and a 'New' button. The 'Container registry region' is set to 'Dallas'. The 'Cluster region' is set to 'Frankfurt', and the 'Cluster resource group' is set to 'Default'. The 'Cluster namespace' is set to 'default', and the 'Cluster name' is set to 'mycluster-free'. The 'Deployment type' is set to 'Helm'. On the right, the 'IBM Cloud Kubernetes Service' section provides a description of Kubernetes and a list of steps for deployment. A vertical 'ASK A QUESTION' button is visible on the far right.

IBM Cloud

Search resources and products...

Q Catalog Manage Induja P's Account

Resource list / App details /

Node RED CUTHX 2022-11-19 Add tags

Actions...

Details

App URL

You must deploy your app first

Source

<https://us-south.git.cloud.ibm.com/718019L117/NodeREDCUT...>

Resource group

Default

Deployment target

You must deploy your app first

Created

19/11/2022

Services

Cloudant

Open dashboard

Documentation

API reference

Credentials

Connect existing services

Create service

Deployment Automation

Name

NodeREDCUTHX2022-11-19

Location

Dallies

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.

Resource list / App details /

Node RED CUTHX 2022-11-19
Add tags

Actions...

Details

App URL	You must deploy your app first
Source	https://us-south.git.cloud.ibm.com/718019L117/NodeREDCUT...
Resource group	Default
Deployment target	You must deploy your app first
Created	19/11/2022

Services

Cloudant

Open dashboard
Documentation
API reference

Credentials

Connect existing services
Create service

Deployment Automation

Name	NodeREDCUTHX2022-11-19
Location	Dallas
Tool integrations	

Delivery Pipelines

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

Getting started quickly

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Getting started

Overview

Runtime

Connections

Logs

API Management

Autoscaling

IBM Cloud Foundry Public is being deprecated. Please see [full details](#).

Instances

Health

100%

1/1 instance(s) are running

Instances

1

MB memory per instance

0

2048

256

Runtime

Node.js

256

Total MB allocation

1.75 GB still available

Free

Used

Node-RED

filter nodes

common

inject

debug

complete

catch

status

link in

link call

link out

comment

function

function

switch

change

range

Flow 1

Hello Node-RED!

msg.payload