

Create and Configure IBM Cloud Services

NODE-RED

Date	02 October 2022
Team id	PNT2022TMID26608
Project Name	IoT Based Smart Crop Protection System for Agriculture
Maximum marks	4 marks

Create Node-RED Service:

The screenshot shows the IBM Cloud interface for the Node-RED service. The top navigation bar includes the IBM Cloud logo, a search bar, and links to Catalog, Manage, and the user's account (vishnupriya k's Account). The main header shows the breadcrumb 'Catalog / Create app / Node-RED'. Below this, there are two tabs: 'About' (selected) and 'Create'. The 'About' tab is divided into two sections: 'Details' and 'Source code'. The 'Details' section includes information about the author (IBM), the update date (2/11/2020), and the type (Starter kit). It also provides links to GitHub, Terms, and a Tutorial. The 'Source code' section has a link to GitHub. The main content area is titled 'Overview' and describes the Node-RED starter kit, which includes a pre-configured Node-RED application and a Cloudant service. It lists three key features: generating an application with Node-RED, generating an application with files for deployment to Cloud Foundry or a DevOps Pipeline, and connecting to provisioned services. A section titled 'What's included?' shows a list of included services, with 'Cloudant' highlighted as 'Free to start' and a link to 'View pricing'. At the bottom, there is a blue 'Get started' button. On the right side of the page, there is a vertical 'ASK A QUESTION' button.

IBM Cloud

Search resources and products...

Catalog Manage vishnupriya k's Account

Catalog / Create app / Node-RED

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

ASK A QUESTION

IBM Cloud

Search resources and products...

Catalog Manage vishnupriya K's Account

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What's included?

Cloudant

Free to start

View docs

View API reference

Get started

English (India)

English (India) keyboard

To switch input methods, press Windows key+Space.

26°C Mostly clear

22:51

18-11-2022

IBM Cloud

Search resources and products...

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Resource list / App details /

Node RED QOMCK 2022-11-18 Add tags

Actions...

Details

App URL <https://node-red-qomck-2022-11-18.au-syd.mybluemix.net>

Source <https://us-south.git.cloud.ibm.com/vishnupriyak058/NodeREDQOM...>

Resource group Default

Deployment target Node RED QOMCK 2022-11-18

Created 11/18/2022

Services

Cloudant

Open dashboard

Documentation

API reference

Credentials

Connect existing services

Create service

Deployment Automation

Name NodeREDQOMCK2022-11-18

Location Dallas

Tool integrations

Delivery Pipelines

Name ci-pipeline

Status Success

Name pr-pipeline

Status No stages detected

Getting started quickly

<https://node-red-qomck-2022-11-18.au-syd.mybluemix.net>

Node-RED on IBM Cloud

Node-RED

Flow-based programming for the Internet of Things

Node-RED is a programming tool for wiring together hardware devices, APIs and online services in new and interesting ways.

This instance is running as an IBM Cloud application, giving it access to the wide range of services available on the platform.

More information about Node-RED, including documentation, can be found at nodered.org.

Go to your Node-RED flow editor

[Learn how to customise Node-RED](#)

Customising your instance of Node-RED

New Tab | Verify your identity | IBM App Developer | Node-RED : node-red | IBM Cloud Account | IBM Watson IoT Platform

node-red-qomck-2022-11-18.au-syd.mybluemix.net/red/#flow/45be46ddf66c8d8c

Gmail | YouTube | Maps

Node-RED

Deploy

filter nodes

common

inject

debug

complete

catch

status

link in

link call

link out

comment

function

function

Flow 1

Hello Node-RED!

msg.payload

debug

all nodes

all

11/19/2022, 12:09:24 AM node: 022649a-bd0d98
msg.payload: string(15)
"Hello Node-RED!"

Type here to search | 25°C Mostly clear | 00:12 19-11-2022

