

CREATE A NODE RED SERVICE

Date	27/8/ 2022
Team ID	PNT2022TMID21772
Project Name	Project – IOT based safety gadget for child safety monitoring and notification
Maximum Marks	4 Marks

The screenshot shows the IBM Cloud console interface. At the top, there's a navigation bar with the IBM Cloud logo, a search bar, and links to Catalog, Manage, and the user's account (KANIMOZHI S's Account). Below the navigation bar, the breadcrumb trail reads "Resource list / App details /". The main heading is "Node RED FLMXV 2022-11-04" with an "Add tags" link and an "Actions..." dropdown menu. The page is divided into two main sections. The left section, titled "Details", contains a table with the following information: App URL (You must deploy your app first), Source (with a "Download code" button), Resource group (Default), Deployment target (You must deploy your app first), and Created (11/4/2022). Below the details section is a "Services" section showing "Cloudant" with links to "Open dashboard", "Documentation", and "API reference". The right section, titled "Deployment Automation", features a "Configure Continuous Delivery" card. This card states that Continuous Delivery is not enabled for this app and provides instructions on how to enable it. A prominent blue button labeled "Deploy your app" is located at the bottom of this section. On the far right, there is a vertical "ASK A QUESTION" button.

The screenshot shows the "About" page for the Node-RED application in the IBM Cloud console. The navigation bar at the top is identical to the previous screenshot. The breadcrumb trail reads "Catalog / Create app /". The main heading is "Node-RED". Below the heading, there are two tabs: "About" (which is active) and "Create". The "About" tab is divided into two columns. The left column, titled "Details", contains the following information: Author (IBM), Updated (2/11/2020), Type (Starter kit), Source code (with a "GitHub" link), Helpful links (with "Terms" and "Tutorial" links), and a "What's included?" section. The right column, titled "Overview", contains a paragraph describing the starter kit: "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." Below this paragraph is a section titled "This starter kit will help you" with a bulleted list: "Generate an application with Node-RED", "Generate an application with files for deploying to Cloud Foundry or a DevOps Pipeline", and "Connect to provisioned services". On the far right, there is a vertical "ASK A QUESTION" button.

IBM Cloud

Search resources and products...

Q

Catalog

Manage

KANIMOZHI S's Account

?

Resource list

Create resource +

Name	Group	Location	Product	Status	Tags
Filter by name or IP address... Filter by group or org. Filter... Filter... Filter... Filter...					
Developer tools (6)					
Node RED JXCCY 2022-11-11	Default	Global	Cloud Application	—	—
Node RED VNQMM 2022-11-11	Default	Global	Cloud Application	—	—
Node RED YZUFG 2022-10-18	Default	Global	Cloud Application	—	—
NodeREDJXCCY2022-11-11	Default	Dallas	Toolchain	—	—
Logging and monitoring (0)					
Migration (0)					
Integration (0)					
Internet of Things (1)					

IBM Cloud

Search resources and products...

Q

Catalog

Manage

KANIMOZHI S's Account

?

Details

App URL

http://169.51.206.126:31256

Source

https://us-south.git.cloud.ibm.com/skanimozhisankaran/Node...

Resource group

Default

Deployment target

mycluster-free

Created

11/11/2022

Services

Cloudant

Open dashboard Documentation API reference

Credentials

Connect existing services + Create service +

Deployment Automation

Name

NodeREDJXCCY2022-11-11

Location

Dallas

Tool integrations

Delivery Pipelines

Name

ci-pipeline

Status

Success

Name

pr-pipeline

Status

No stages detected

ASK A QUESTION

IBM Cloud

Search resources and products...

Catalog

Manage

KANIMOZHI S's Account

?

Resource list / App details /

Node RED JXCCY 2022-11-11

Add tags

Actions...

Details

App URL

http://169.51.206.126:31256

Source

https://us-south.git.cloud.ibm.com/skanimozhisankaran/Node...

Resource group

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Deployment Automation

Name

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Location

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Tool integrations

Delivery Pipelines

Name

ci-pipeline

Status

Success

Name

pr-pipeline

Status

No stages detected

ASK A QUESTION

Welcome to your new Node-RED instance on IBM Cloud

We know you're eager to start wiring up your flows, but first there are a couple of tasks you should do:

- Secure your Node-RED editor
- Learn how to install additional nodes

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](#)

Node-RED

Deploy

filter nodes

common

inject

debug

complete

catch

status

link in

link call

link out

comment

function

Flow 1

graph LR; inject[Hello Node-RED!] --> payload[msg.payload];

info

Search flows

Flows

- Flow 1
- Subflows
- Global Configuration Nodes

Flow 1

Flow"777a9ff2ccc84eac"

Import a flow by dragging its JSON into the editor, or with `ctrl+i`