

CREATING NODE-RED SERVICES

PROJECT NAME: SMART SOLUTIONS FOR RAILWAYS

TEAM ID: PNT2022TMID03698

The screenshot shows a web browser window with multiple tabs. The active tab is 'IBM App Development', and the address bar shows the URL: `cloud.ibm.com/developer/appservice/create-app?starterKit=59c9d5bd-4d31-3611-897a-f94eea80dc9f&defaultLanguage=undefined`. The page is the IBM Cloud Developer Catalog for Node-RED. The header includes the IBM Cloud logo, a search bar, and navigation links for 'Catalog', 'Manage', and 'Sakthipriya V's Account'. The main content area has a 'Node-RED' title and two tabs: 'About' (selected) and 'Create'. The 'About' tab shows details about the starter kit, including its author (IBM), update date (2/11/2020), and type (Starter kit). It also provides links for source code (GitHub), helpful links (Terms, Tutorial), and an 'ASK A QUESTION' button. The 'Overview' section describes the starter kit as a pre-configured Node-RED application with a Cloudant service for storing configuration. It lists three key features: generating an application with Node-RED, generating files for deployment to Cloud Foundry or DevOps Pipeline, and connecting to provisioned services. A 'What's included?' section highlights the inclusion of Cloudant, with links to 'View docs' and 'View API reference'. The bottom of the page shows a Windows taskbar with various application icons and system information like temperature (29°C) and time (3:24 PM, 11/18/2022).

IBM Cloud

Search resources and products...

Catalog Manage Sakthipriya V'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

ASK A QUESTION

cloud.ibm.com/developer/appservice/apps/11100dbd-b232-435f-8f30-40357a78b1f0

IBM Cloud Search resources and products... Catalog Manage Sakthipriya V's Account

Resource list / App details /

Node RED OTNWL 2022-11-18 [Add tags](#)

Actions...

Details

App URL	http://159.122.183.39:30908
Source	https://us-south.git.cloud.ibm.com/priyavaradarajan29/NodeREDOT...
Resource group	Default
Deployment target	mycluster-free
Created	11/18/2022

Deployment Automation

Name	NodeREDOTNWL2022-11-18
Location	Dallas
Tool integrations	

Delivery Pipelines

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

Services

Cloudant [⋮](#)

[Open dashboard](#) [Documentation](#) [API reference](#)

Credentials [▼](#)

ASK A QUESTION

Testcases Report s....xlsx Testcases Report s....xlsx Testcases Report s....xlsx Testcases Report s....xlsx Smart Solution For....pdf [Show all](#)

Type here to search 28°C Haze 5:42 PM 11/18/2022

(26) What... x IBM App D x Node-RED x ci-pipeline x mycluster- x IBM Watsc x IBM x IBM-EPBL x 19EY706: C x +

Not secure | 159.122.183.39:30908

Applying your settings and starting Node-RED

||||

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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

This instance of Node-RED is enough to get you started creating flows.

You may want to customise it for your needs, for example replacing this introduction page with your own, adding http authentication to the flow editor or adding new nodes to the palette.

Node-RED

filter nodes

common

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

function

- function
- switch

Flow 1

Hello Node-RED!

msg.payload

info

Search flows

Flows

- Flow 1
- Subflows
- Global Configuration Nodes

Flow 1

Flow "487469fc5aa8efd0"

You can manage your palette of nodes with `alt=tp`