

Creating a Node Red Service

Date	27 August 2022
Team ID	PNT2022TMID30278
Project Name	Smart Solutions for Railways

IBM Cloud Search resources and products... Catalog Manage Gokul Erusappan N's A...

Catalog / Create app / Node-RED

About Create

App details

App name
Smart Railways
Accept the default name, or enter a value between 2 and 128 characters.

Resource group
Default

Tags ⓘ
Examples: env:dev, version-1

Platform
☒ Node.js

Waiting for 684d0d41.akstat.io...

ASK A QUESTION

IBM Cloud Search resources and products... Catalog Manage Gokul Erusappan N's A...

Resource list / App details / Smart Railway Add tags Actions...

Details

App URL You must deploy your app first

Source Download code

Resource group Default

Deployment target You must deploy your app first

Created 11/25/2022

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

ASK A QUESTION

IBM Cloud

Search resources and products...

Catalog

Manage

Gokul Erusappan N's A...

Resource list / App details /

Smart Railway


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.

Getting started with apps

Step 1. Select the deployment target

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

IBM Cloud Foundry

Cloud Foundry is the premier industry standard Platform-as-a-Service (PaaS) that ensures fast, easy, and reliable deployment of cloud-native apps. Cloud Foundry ensures that the build and deploy aspects of coding remain carefully coordinated with any attached services — resulting in quick, consistent and reliable iterating of applications. Cloud Foundry has a Lite plan that allows quick deployments for testing purposes.

Before you begin

- If your account doesn't have a Cloud Foundry org, you must create one.

[Create org.](#)

ASK A QUESTION

IBM Cloud

Search resources and products...

Catalog

Manage

Gokul Erusappan N's A...

Resource list /

Smart Railways

Running

Visit App URL

Add tags

Details

Actions...

Getting started

Overview

Runtime

Connections

Logs

API Management

Autoscaling

Download, modify, and redeploy your Cloud Foundry app with the command-line interface

Last Updated: 2022-05-31

Deprecated: IBM® Cloud Foundry is deprecated. As of 30 November 2022 new IBM® Cloud Foundry applications cannot be created and only existing users will be able to deploy applications. End-of-support happens on 1 June 2023. Any instances that still exist on 1 June 2023 will be deleted. For more information, see [the deprecation details](#).

Use the IBM® Cloud Foundry command-line interface (CLI) to download, modify, and redeploy your Cloud Foundry apps and service instances.

Before you begin, [download and install the IBM Cloud CLI](#).

Then install the IBM Cloud Foundry CLI by running the following command:

```
$ ibmcloud cf install
```

After you install the CLI, you can get started:

[Change to the directory where your code is located](#)

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](#)

The screenshot displays the Node-RED web interface. On the left, a sidebar contains a search bar and two categories of nodes: 'common' (including inject, debug, complete, catch, status, link in, link call, link out, and comment) and 'function' (including function and switch). The central workspace, titled 'Flow 1', shows a flow with two nodes: a blue 'inject' node with the text 'Hello Node-RED!' and a green 'msg.payload' node. A line connects the output of the inject node to the input of the msg.payload node. On the right, a sidebar shows a list of flows, with 'Flow 1' selected. Below this, a table displays the flow's details, including its ID '27583e7d3033c196'.