

# CREATE AND CONFIGURE IBM CLOUD SERVICES

## Create Node Red service

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Team ID	PNT2022TMID29355
Project Name	Project – Signs with Smart Connectivity for Better Road Safety

### Signs with Smart Connectivity for Better Road Safety

The screenshot shows the IBM Cloud console interface for creating a Node Red service. The main heading is "Node RED RIGDF 2022-11-15". Below this, there are two tabs: "Select the deployment target" (active) and "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. (This option is selected with a checkmark).
- Code Engine** (IBM): Run your app, job, or container on a managed serverless platform. Auto-scale workloads, and pay only for the resources that you consume.

**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.](#)

At the bottom, there is a notification: "IBM Cloud Foundry Public is deprecated. Learn more."

Node-RED interface showing a flow named "Flow 1" with two nodes: "Hello Node-RED" and "msg.payload". The interface includes a left sidebar with node categories (common, function), a top toolbar with "Deploy" button, and a right sidebar with "Info" tab showing flow details and a confirmation message.

**Flow 1**

```
graph LR; Inject[Inject] --> Hello[Hello Node-RED]; Hello --> Payload[msg.payload];
```

**Info Panel:**

- Flow 1
- Flow ID: "f90eedb5553527e7"
- Confirmation message: "You can confirm your changes in the node edit tray with `ctrl-enter` or cancel them with `ctrl-escape`"

Application x Cloudant x Node-RED x ci-pipe x pr-pipe x ci-pipe x Cloudant x Working x Resource x IBM Cloud x

man01.eu-gb.mybluemix.net/red/#flow/f90eedb5553527e7

### Node-RED

filter nodes

Flow 1

common

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

function

- function
- switch

msg.payload

Node "1212649a-0d0d-598"

Type debug

show more

ctrl-space will toggle the view of this sidebar

Type here to search

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