

# Getting Started with IBM Cloud and Node-RED

## Step 1: Create an IBM Cloud Account

### SIGN UP FOR A FREE IBM CLOUD LITE ACCOUNT

- ➔ Use this URL when signing up for your account : <https://ibm.biz/Bdzf4r>
- ➔ If this URL does not work use : <https://cloud.ibm.com/registration> to register for the IBM cloud account

Build for free  
on IBM Cloud

**Develop for free, no credit card required**  
Apps, AI, analytics, and more. Build with 40+ Lite plan services at no cost to you - ever.

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Already have an IBM Cloud account? [Log in](#)

**Create a free account**  
Join us in the cloud and start building today.

Email

First Name

Last Name

Country or Region  
United States

Password

IBM may use my contact data to keep me informed of products, services and offerings:  
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I accept the product [Terms and Conditions](#) of this registration form.

[Create Account](#)

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- ➔ Fill out the form and click on the Blue Create Button
- ➔ Check your email for confirmation and any further instructions
- ➔ Log into your IBM Cloud account

## Step 2: Deploy your Node-RED Application

### GET YOUR NODE-RED STARTER KIT

- ➔ After logging in Go to Catalog and search for Node-RED
- ➔ Select Node-RED starter kit

IBM Cloud

Search resources and offerings...

Catalog

Docs

Support

Manage

Pooja Mistry's Account

# Catalog

Node-Red

Filter

All Categories (2)

VPC Infrastructure

Compute

Containers


Networking


Storage

AI

Analytics


**Starter Kits**

**Internet of Things Platform Starter**  
Lite • IBM  
Get started with IBM Watson IoT platform using the Node-RED Node.js sample application. With the Starter, you can quickly

**Node-RED Starter**  
Lite • Community  
This application demonstrates how to run the Node-RED open-source project within IBM Cloud.

FEEDBACK

View all

**Create a Cloud Foundry App**  
Lite • Community

**Node-RED Starter**  
This application demonstrates how to run the Node-RED open-source project within IBM Cloud.  
[View Docs](#)  

VERSION	0.8.3
TYPE	Boilerplate
LOCATION	Sydney, Frankfurt, London, Washington DC, Dallas

**App name:**  
pmistryNodeREDStarterKit

**Host name:**  
pmistryNodeREDStarterKit

**Domain:**  
mybluemix.net

**Choose a region/location to deploy in:**  
Dallas

**Choose an organization:**  
pmistry@us.ibm.com


**Choose a space:**  
dev


**Tags:**  
hackathon

**Selected Plan:**  

**SDK for Node.js™**  
Default

**Cloudant**  
Lite

  
SDK for Node.js™

  
Cloudant

Need Help?  
[Contact IBM Cloud Support](#)

Create

FEEDBACK

➡ Give an App name : i.e pmistryNodeREDStarterKit

- ➡ Give Tag : i.e hackathon
- ➡ Select Default plan and Create
- ➡ It will take a few mins to create App but once create you can visit App url

The screenshot shows the IBM Cloud Resource list interface. On the left is a sidebar with navigation links: Getting started, Overview, Runtime, Connections, Logs, Autoscaling (Beta), Monitoring, and API Management. The main content area displays the details for a resource named 'pmistry\_nodeRedTest'. At the top, it shows a 'js' icon, the resource name, a 'Running' status with a green dot, and a 'Visit App URL' link. Below this, it lists 'Org: pmistry@us.ibm.com', 'Location: Dallas', 'Space: dev', and an 'Add Tags' link. The 'Runtime' section contains four circular gauges: 1. 'BUILDPACK' with a '.js' icon and text 'SDK for Node.js™'. 2. 'INSTANCES' showing '1' instance with a note 'All instances are running Health is 100%'. 3. 'MB MEMORY PER INSTANCE' showing '256'. 4. 'TOTAL MB ALLOCATION' showing '256' with a note '1.5 GB still available'. A 'Routes' dropdown menu is visible in the top right corner.

- ➡ Click on Visit App Url to see your instance of Node-RED

The screenshot shows the 'Node-RED on IBM Cloud' landing page. The header is dark grey with the text 'Node-RED on IBM Cloud'. The main body has a large red banner with the 'Node-RED' logo and the tagline 'Flow-based programming for the Internet of Things'. Below the banner, on a light grey background, there is descriptive text: '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](https://nodered.org).' To the right of this text is a red button labeled 'Go to your Node-RED flow editor' and a link 'Learn how to customise Node-RED'.

- ➡ Click on Go to your Node-RED flow editor to start Prototyping !!