

CREATE NODE-RED SERVICE

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Team ID	PNT2022TMID15548
Project Name	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES

The screenshot shows a web browser window with multiple tabs. The active tab is the IBM Cloud developer portal, specifically the 'Node-RED' starter kit page. The page has a dark header with the IBM Cloud logo and a search bar. Below the header, there's a navigation bar with 'Catalog' and 'Create app' links. The main content area is titled 'Node-RED' and has two tabs: 'About' (selected) and 'Create'. The 'About' tab shows details about the starter kit, including its author (IBM), update date (11/02/2020), and type (Starter kit). It also provides links to the source code on GitHub, helpful links, terms, and a tutorial. The 'Overview' section explains that the starter kit provides a pre-configured Node-RED application with a Cloudant service for storing configuration. It lists three main steps: 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, which is free to start. At the bottom of the page, there's a 'Get started' button and a 'View docs' link. The browser's address bar shows the URL: cloud.ibm.com/developer/appservice/create-app?starterKit=59c9d5bd-4d31-3611-897a-194eea80dc9f&defaultLanguage=undefined. The Windows taskbar at the bottom shows the time as 11:06 AM on 19-11-2022.

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Node-RED

About Create

Details

Author IBM
Updated 11/02/2020
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](#)

[Get started](#)

ASK A QUESTION

Type here to search

11:06 AM 19-11-2022

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Node RED CXPGJ 2022-11-19

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

19/11/2022

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

Getting started quickly

Configuring your app

To connect services and DevOps toolchains to your app:

1. Use the **Services** card to connect a service to your app. Select an existing service instance, or create a new one. [Learn more.](#)

2. If you want to view the code before your app is deployed, click **Download code** to obtain the .zip file.

3. Click **Deploy your app** in the **Deployment Automation** card to select the deployment target and configure the Continuous Delivery service. The deployment begins automatically.

4. After the deployment begins, you can view the status of the deployment, modify your app, view your repo, or view the app's URL.

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IBM Cloud API key

.....

New

Number of instances

1

Memory allocation per instance

64 MB

2000 MB

256

Region

London

Organization

Shine_15548

Space

Weather_device

Host

node-red-cxpgj-2022-11-19

Domain

eu-gb.mybluemix.net

Cancel

Next

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Cancel

Next

IBM Cloud

Resource list / App details /

Node RED CXPGJ 2022-11-19

Select the deployment target | Configure the DevOps toolchain

Configure the DevOps toolchain

Give your toolchain a name and select the region to create your toolchain in.

DevOps toolchain name

NodeREDCXPGJ2022-11-19

Accept the default name, or enter a value up to 100 characters.

Region

London

Back Create

Getting started with apps

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IBM Cloud

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Node RED CXPGJ 2022-11-19

Add tags

Actions...

Details

App URL	https://node-red-cxpgj-2022-11-19.eu-gb.mybluemix.net
Source	https://eu-gb.git.cloud.ibm.com/shinedavid2002/NodeREDXP...
Resource group	Default
Deployment target	Node RED CXPGJ 2022-11-19
Created	19/11/2022

Services

Cloudant

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

Credentials

Connect existing services + Create service +

Deployment Automation

Name	NodeREDCXPGJ2022-11-19
Location	London
Tool integrations	

Delivery Pipelines

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

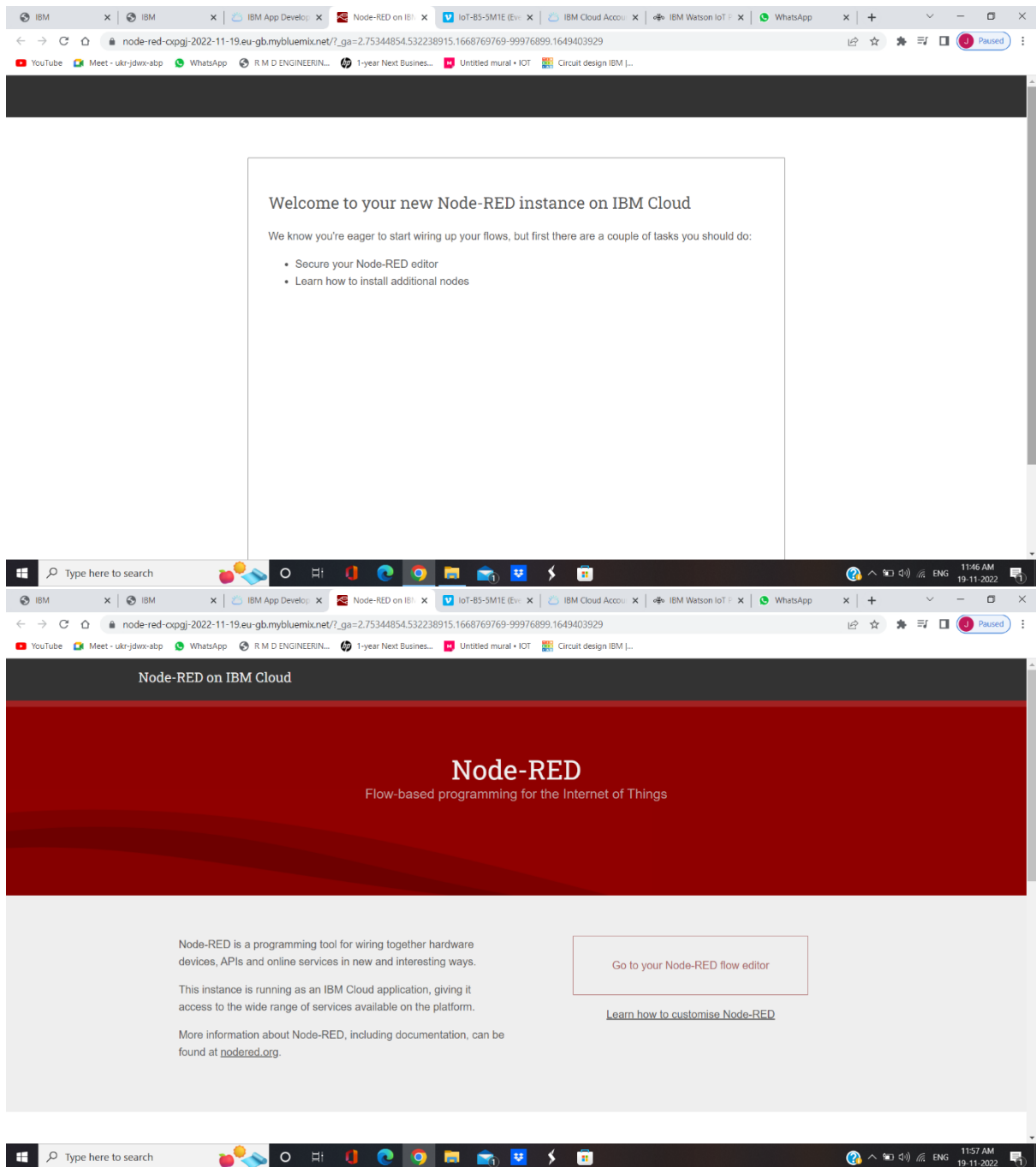
Getting started quickly

Configuring your app

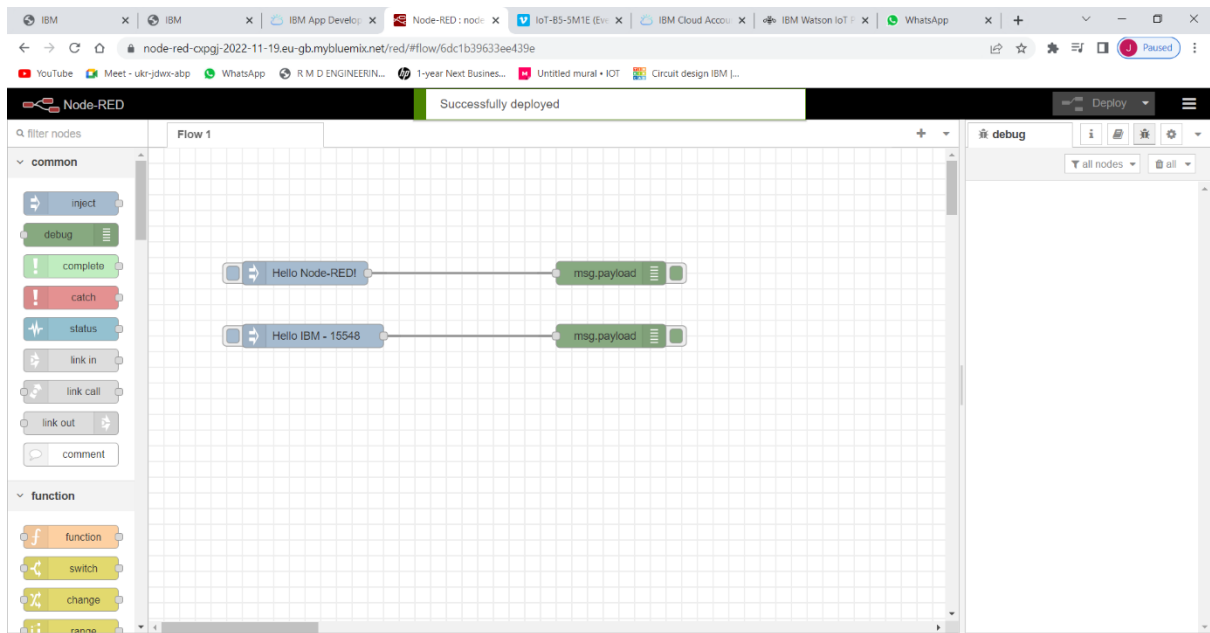
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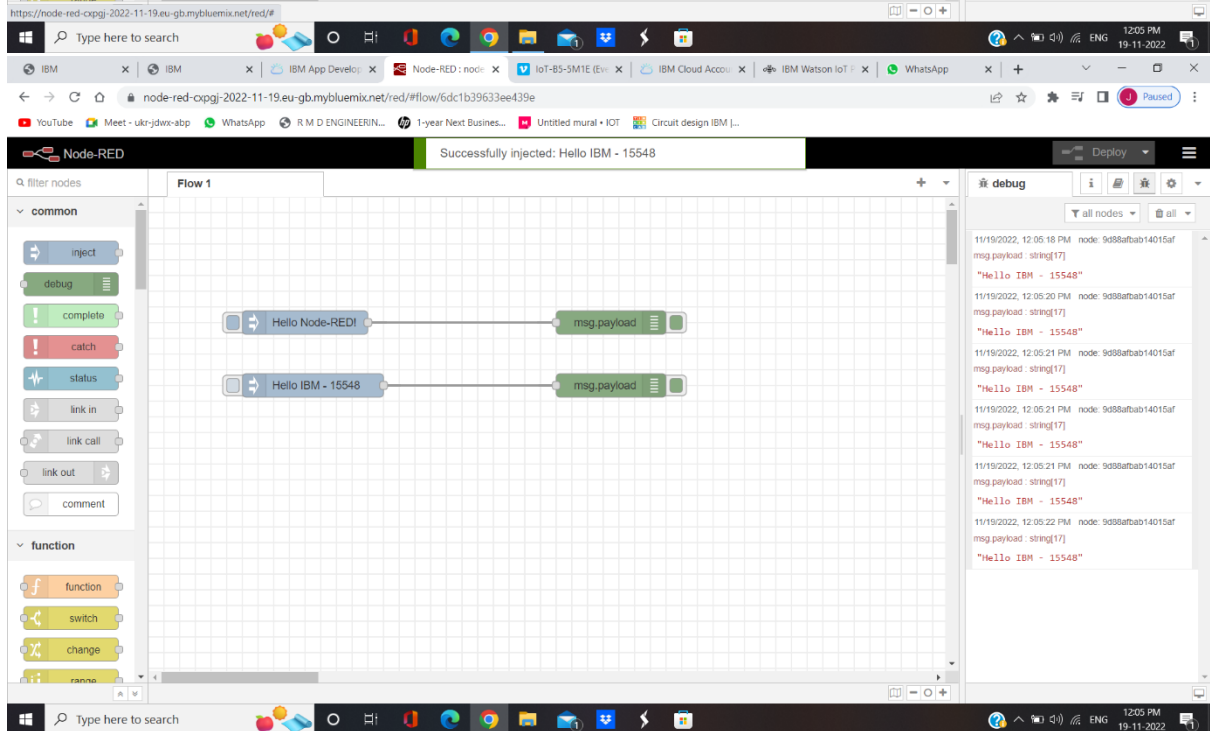
ASK A QUESTION



Node-RED interface showing a flow named "Flow 1" with two nodes: "Hello Node-RED!" and "Hello IBM - 15548". The flow is successfully deployed. The left sidebar shows the "common" and "function" node categories. The right sidebar shows the "debug" console.



Node-RED interface showing the same flow as above, but with the status "Successfully injected: Hello IBM - 15548". The "debug" console on the right shows a list of messages received from the "Hello IBM - 15548" node, including timestamps and payloads.



Timestamp	Node	Payload
11/19/2022, 12:05:18 PM	node: 9d38a8bab14015af	msg.payload: string(17)
11/19/2022, 12:05:20 PM	node: 9d38a8bab14015af	"Hello IBM - 15548"
11/19/2022, 12:05:21 PM	node: 9d38a8bab14015af	msg.payload: string(17)
11/19/2022, 12:05:21 PM	node: 9d38a8bab14015af	"Hello IBM - 15548"
11/19/2022, 12:05:21 PM	node: 9d38a8bab14015af	msg.payload: string(17)
11/19/2022, 12:05:21 PM	node: 9d38a8bab14015af	"Hello IBM - 15548"
11/19/2022, 12:05:21 PM	node: 9d38a8bab14015af	msg.payload: string(17)
11/19/2022, 12:05:21 PM	node: 9d38a8bab14015af	"Hello IBM - 15548"
11/19/2022, 12:05:22 PM	node: 9d38a8bab14015af	msg.payload: string(17)
11/19/2022, 12:05:22 PM	node: 9d38a8bab14015af	"Hello IBM - 15548"