

CREATE NODE-RED SERVICES

TEAM ID	PNT2022TMID38365
PROJECT TITLE	REAL TIME RIVER WATER QUALITY MONITORING AND CONTROL SYSTEM

Dashboard

Edit dashboard

Upgrade account

Create resource

For you

Select an option

Build

Explore IBM Cloud with this selection of easy starter tutorials and services.

Getting started

10 min

Set up your IBM Cloud account

Learn how to set up your IBM Cloud account, manage your account settings, organize resources, and control access to those resources.

Getting started

7 min

Build a Virtual Private Cloud (VPC)

Upgrade to a paid account to create your own protected space in the IBM Cloud.

Getting started

2 hr

Get Started with Watson Studio

Get started with using AI and Cloud Object Storage in 15 minutes.

Popular

2 min

Use Speech to Text

Easily convert the human voice into the written word for voice control, transcription, etc. with Speech to Text.

Popular

2 min

User access

Manage users

Enter email addresses below to jump directly into the invite user setup:

Enter up to 100 email addresses

News

View all

Unified Key Orchestrator Now Supports Easy Multicloud Key Management for Google KMS

TrustRadius Best Software: Five IBM Offerings to Make the List

Planned maintenance

View all

85°F Haze

Windows Taskbar

ENG IN

11:33 AM 07-11-2022

CREATE NODE-RED SERVICES

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](#)

Get started

ASK A QUESTION

87°F
Mostly sunny



ENG
INTL  03:05 PM
07-11-2022

Tags ⓘ

Examples: env:dev, version-1

Platform

☒ Node.js

Service details

Cloudant

Region

London

Resource group

Default

Pricing plan


Lite


[Pricing details](#) [Terms](#)

Cancel Create

ASK A QUESTION

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07-11-2022

CREATE NODE-RED SERVICES

IBM Cloud API key

.....

New +

Number of instances

1

Memory allocation per instance

64 MB

2000 MB

256

Region

London

Organization

water monitor

Space

IoT

Host

node-red-vtxv-2022-11-07

Domain

eu-gb.mybluemix.net

Cancel

Next

ASK A QUESTION

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Resource list / App details /

Node RED VTXTV 2022-11-07 Add tags

Actions...

Details

App URL

You must deploy your app first

Source

<https://eu-gb.git.cloud.ibm.com/710419106002/NodeREDVTX...>

Resource group

Default

Deployment target

You must deploy your app first

Created

11/7/2022

Services

Cloudant

Open dashboard

Documentation

API reference

Credentials

Connect existing services

Create service

Deployment Automation

Name

NodeREDVTXTV2022-11-07

Location

London

Tool integrations

Delivery Pipelines

Name

pr-pipeline

Status

No stages detected

Name

ci-pipeline

Status

No stages detected

ASK A QUESTION

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CREATE NODE-RED SERVICES

Resource list /

Node RED CKXAC 2022-11-07

Running Visit App URL Add tags

Details Actions...

Getting started

Overview

Runtime

Connections

Logs

API Management

Autoscaling

Instances

Health

100%

1/1 instance(s) are running

Instances

1 - +

MB memory per instance

0 2048 256

Runtime

Node.js

256

Total MB allocation

1.75 GB still available

Free Used

Runtime cost

Current and estimated cost excludes connected services.

Connections (1)

Node-RED on IBM Cloud

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](#)

CREATE NODE-RED SERVICES

The screenshot displays the Node-RED web interface. The top bar includes the Node-RED logo, a 'Deploy' button, and user management icons. The left sidebar features a 'filter nodes' search bar and two categories of nodes: 'common' (inject, debug, complete, catch, status, link in, link call, link out, comment) and 'function' (function, switch). The central workspace, titled 'Flow 1', contains a flow with two nodes: an 'inject' node (blue) with the text 'Hello Node-RED!' and a 'msg.payload' node (green). The right sidebar, titled 'info', shows a search bar for flows and a list of flows, with 'Flow 1' selected. Below this, the 'Flow 1' details section shows the flow ID '2443324d77d67b7c' and a search bar for nodes using 'ctrl-f'.