

CREATE NODE-RED SERVICE

TEAM ID	PNT2022TMID10699
PROJECT TITLE	REAL TIME RIVER WATER QUALITY MONITORING AND CONTROL SYSTEM

The screenshot displays the IBM Cloud Dashboard interface. At the top, the 'Dashboard' title is followed by links for 'Edit dashboard', 'Upgrade account', and a prominent blue 'Create resource' button. A left-hand navigation menu contains icons for various cloud services. The main content area is titled 'For you' and features a horizontal scrollable list of service tiles. These include a large blue 'Build' tile, a 'Set up your IBM Cloud account' tile (10 min), a 'Build a Virtual Private Cloud (VPC)' tile (7 min), a 'Get Started with Watson Studio' tile (2 hr), and a 'Use Speech to Text' tile (2 min). Below this, there are three sections: 'User access' with a 'Manage users' link, a 'News' section with a 'View all' link, and a 'Planned maintenance' section with a 'View all' link. The bottom of the dashboard shows a weather widget (85°F, Haze) and a Windows taskbar with various application icons and system status indicators (11:33 AM, 07-11-2022).

CREATE NODE-RED SERVICE

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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03:05 PM 07-11-2022

CREATE NODE-RED SERVICE

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-vtxtv-2022-11-07

Domain

eu-gb.mybluemix.net

Cancel

Next

ASK A QUESTION

87°F Mostly sunny

ENG INTL 03:09 PM 07-11-2022

Resource list / App details /

Node RED VTXV 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

NodeREDVTXV2022-11-07

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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ENG INTL 03:10 PM 07-11-2022

CREATE NODE-RED SERVICE

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 [Edit](#)

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 SERVICE

The screenshot displays the Node-RED web interface. The top header bar includes the Node-RED logo, a 'Deploy' button, and user profile icons. The left sidebar, titled 'filter nodes', contains two categories: 'common' and 'function'. The 'common' category lists nodes like inject, debug, complete, catch, status, link in, link call, link out, and comment. The 'function' category lists 'function' and 'switch'. The main workspace, labeled 'Flow 1', shows a flow with two nodes: an 'inject' node (blue) with the text 'Hello Node-RED!' and a 'msg payload' node (green). A line connects the output of the inject node to the input of the msg payload node. The right sidebar, titled 'info', contains a search bar for flows, a list of flows (Flow 1 is selected), and a search bar for nodes with the placeholder text 'Search for nodes using ctrl-f'.