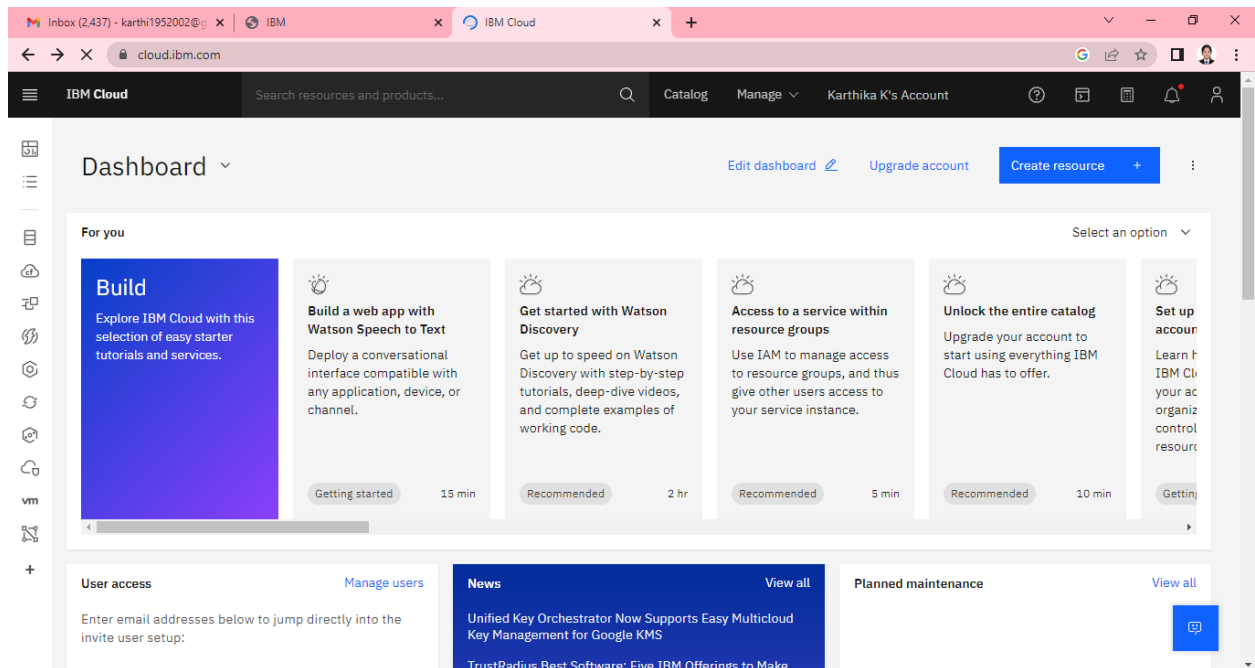


CREATE NODE-RED SERVICE

TEAM ID	PNT2022TMID42440
PROJECT TITLE	REAL TIME RIVER WATER QUALITY MONITORING AND CONTROL SYSTEM
TEAM LEADER	K. KARTHIKA
TEAM MEMBER 1	M.GAYATHRI
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TEAM MEMBER 3	C.KANNIKA
TEAM MEMBER 4	KAVIYA.S



The screenshot displays the IBM Cloud Dashboard interface. At the top, a navigation bar includes the IBM Cloud logo, a search bar, and links for 'Catalog', 'Manage', and 'Karthika K's Account'. The main section is titled 'Dashboard' and features a 'For you' section with several recommended actions: 'Build' (Explore IBM Cloud with this selection of easy starter tutorials and services), 'Build a web app with Watson Speech to Text' (Deploy a conversational interface compatible with any application, device, or channel), 'Get started with Watson Discovery' (Get up to speed on Watson Discovery with step-by-step tutorials, deep-dive videos, and complete examples of working code), 'Access to a service within resource groups' (Use IAM to manage access to resource groups, and thus give other users access to your service instance), 'Unlock the entire catalog' (Upgrade your account to start using everything IBM Cloud has to offer), and 'Set up account' (Learn how to set up your account and control resources). Below this, there are sections for 'User access' (Manage users), 'News' (View all), and 'Planned maintenance' (View all). The 'News' section highlights 'Unified Key Orchestrator Now Supports Easy Multicloud Key Management for Google KMS' and 'TrustRadius Best Software: Five IBM Offerings to Make'.

CREATE NODE-RED SERVICE

The screenshot shows the IBM Cloud Developer console interface. The top navigation bar includes the IBM Cloud logo, a search bar, and links to Catalog, Manage, and the user's account (Karthika K's Account). The main content area is titled 'Create' and features a sidebar with 'About' and 'Details' sections. The 'Details' section lists the author (IBM), update date (2/11/2020), and type (Starter kit). The main content area has an 'Overview' section with a description of the starter kit, a list of features, and a 'What's included?' section highlighting the 'Cloudant' service. A 'Get started' button is prominently displayed at the bottom.

IBM Cloud Search resources and products... Catalog Manage Karthika K's Account

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

The screenshot shows the IBM Cloud Developer console interface, specifically the 'Create' page for a Node-RED service. The top navigation bar is consistent with the previous screenshot. The main content area is titled 'Create' and features a sidebar with 'Tags' and 'Platform' sections. The 'Tags' section shows 'Examples: env:dev, version-1'. The 'Platform' section has a radio button for 'Node.js'. The main content area has a 'Service details' section with configuration options for 'Region' (London), 'Resource group' (Default), and 'Pricing plan' (Lite). A 'Create' button is prominently displayed at the bottom.

IBM Cloud Search resources and products... Catalog Manage Karthika K's Account

Tags ⓘ

Examples: env:dev, version-1

Platform

☒ Node.js

Service details

Cloudant

Region London Resource group Default

Pricing plan Lite

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

Create

ASK A QUESTION

CREATE NODE-RED SERVICE

IBM Project-51599-1660980 x IBM App Development x Verify your identity - karthi15 x Webmail Login x networking related final ye x +

cloud.ibm.com/developer/appservice/apps/4e798e7e-becb-4744-b883-07655ed95365

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IBM Cloud API key

Number of instances

Memory allocation per instance

64 MB 2000 MB 256

Region Organization Space

London river water monitoring karthika

Host Domain

node-red-ckxac-2022-11-07 eu-gb.mybluemix.net

Cancel Next

ASK A QUESTION

IBM Project-51599-1660980 x IBM App Development x Verify your identity - karthi15 x Webmail Login x networking related final ye x +

cloud.ibm.com/developer/appservice/apps/4e798e7e-becb-4744-b883-07655ed95365

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Resource list / App details /

Node RED CKXAC 2022-11-07

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

NodeREDCKXAC2022-11-07

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

Region

Dallas

Back Create

Getting started with apps

ASK A QUESTION

CREATE NODE-RED SERVICE

The screenshot shows the IBM Cloud console interface for a service named "Node RED CKXAC 2022-11-07". The service is in a "Running" state. The left sidebar contains navigation links: "Getting started", "Overview" (selected), "Runtime", "Connections", "Logs", "API Management", and "Autoscaling". The main content area displays the following information:

- Instances:** Health is 100%, with 1/1 instance(s) running. A slider for "MB memory per instance" is set to 256 MB, with a range from 0 to 2048 MB.
- Runtime:** A donut chart shows "Node.js" runtime with a total MB allocation of 256. A status indicates "1.75 GB still available".
- Runtime cost:** A note stating "Current and estimated cost excludes connected services."
- Connections (1):** A link to view connections.

A notification banner at the top states: "IBM Cloud Foundry Public is being deprecated. Please see full details."

The screenshot shows the Node-RED web interface in a browser. The address bar displays "node-red-ckxac-2022-11-07.eu-gb.mybluemix.net". The page has a dark red header with the text "Node-RED on IBM Cloud". Below the header, the main content area features the "Node-RED" logo and the tagline "Flow-based programming for the Internet of Things".

On the left side, there is explanatory 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."

On the right side, there is a button labeled "Go to your Node-RED flow editor" and a link labeled "Learn how to customise Node-RED".

CREATE NODE-RED SERVICE

The screenshot shows the Node-RED web interface in a browser. The browser's address bar displays the URL: `node-red-ctxac-2022-11-07.eu-gb.mybluemix.net/red/#flow/2443324d77d67b7c`. The interface is divided into several sections:

- Left Panel (Nodes):** A sidebar with a search bar labeled "filter nodes". It contains two categories of nodes:
 - common:** Includes nodes like `inject`, `debug`, `complete`, `catch`, `status`, `link in`, `link call`, `link out`, and `comment`.
 - function:** Includes nodes like `function` and `switch`.
- Center Canvas:** A workspace for building flows. It shows a flow named "Flow 1" with two nodes connected by a wire:
 - An `inject` node with the text "Hello Node-RED!".
 - A `msg.payload` node.
- Right Panel (Info):** A sidebar with a search bar labeled "Search flows". It contains a list of flows, with "Flow 1" selected. Below the list, there is a section for "Flow 1" showing its ID as "2443324d77d67b7c". At the bottom of this panel, there is a search bar labeled "Search for nodes using" with a placeholder text `ctrl-f`.