

Create Node-RED Service

Date	17 November 2022
Team ID	PNT2022TMID48118
Project Name	Project - IoT Based Safety Gadget for Child Safety Monitoring & Notification

Aim:

To create a web application create a Node-RED service.

Steps followed:

- Navigated to the App creation page

The screenshot shows the IBM Cloud 'Create app' page for Node-RED. The page has a dark header with the IBM Cloud logo, a search bar, and navigation links like 'Catalog', 'Manage', and a user profile. Below the header, the breadcrumb 'Catalog / Create app /' is visible, followed by the 'Node-RED' title and a small icon. The main content area is divided into two tabs: 'About' (selected) and 'Create'. The 'About' tab contains a sidebar with 'Details' (Author: IBM, Updated: 2/11/2020, Type: Starter kit), 'Source code' (GitHub link), 'Helpful links' (Terms, Tutorial links), and 'Overview'. The 'Overview' section describes the starter kit as a pre-configured Node-RED application with a Cloudant service for storing flow configuration. It lists three steps: 'Generate an application with Node-RED', 'Generate an application with files for deploying to Cloud Foundry or a DevOps Pipeline', and 'Connect to provisioned services'. A 'What's included?' section at the bottom highlights 'Cloudant Free to start' with links to 'View docs' and 'View API reference'. A vertical 'ASK A QUESTION' button is on the right side.

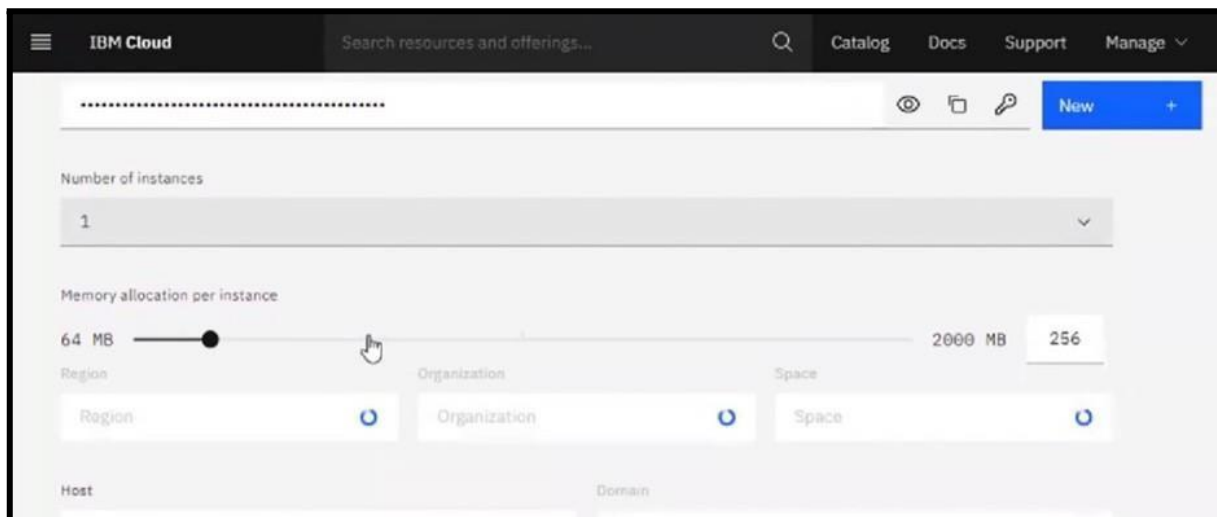
- Entered project details and clicked on create

The screenshot shows the IBM Cloud console interface. At the top, there's a navigation bar with 'IBM Cloud', a search bar, and user information. Below the navigation bar, there's a 'Default' dropdown menu. The main content area is titled 'Tags' and includes a text input field with 'Examples: env:dev, version-1'. Below this is a 'Platform' section with a radio button selected for 'Node.js'. The 'Service details' section is visible, showing 'Cloudant' as the service. Under 'Cloudant', there are dropdowns for 'Region' (set to 'London') and 'Resource group' (set to 'Default'). A 'Pricing plan' dropdown is set to 'Lite'. At the bottom of the form, there are 'Cancel' and 'Create' buttons.

- Clicking on the “Deploy your App” Button

The screenshot shows the IBM Cloud console interface for a specific application. The top navigation bar is the same as the previous screenshot. Below it, the breadcrumb 'Resource list / App details /' is followed by the application name 'Node RED ESJQN 2022-11-17' and an 'Add tags' link. On the right, there's an 'Actions...' dropdown menu. The main content area is divided into two columns. The left column has a 'Details' section with fields for 'App URL' (with a message 'You must deploy your app first'), 'Source' (with a 'Download code' button), 'Resource group' (set to 'Default'), 'Deployment target' (with a message 'You must deploy your app first'), and 'Created' (set to '11/17/2022'). Below this is a 'Services' section showing 'Cloudant' as the selected service, with links for 'Open dashboard', 'Documentation', and 'API reference'. At the bottom of the left column are buttons for 'Connect existing services' and 'Create service'. The right column has a 'Deployment Automation' section with a 'Configure Continuous Delivery' card. This card contains text about enabling Continuous Delivery and a prominent blue 'Deploy your app' button. On the far right, there's a vertical 'ASK A QUESTION' button.

- Setting up the environment and deploying the app



- Successfully deployed the app

IBM Cloud Search resources and products... Catalog Manage nithyasri bhuvanika's A...

Resource list / App details /

Node RED UWLBF 2022-11-18 [Add tags](#)

Actions...

Details

App URL	https://node-red-uwlbf-2022-11-18.au-syd.mybluemix.net
Source	https://au-syd.git.cloud.ibm.com/nithyasrikannan622/NodeREDUW...
Resource group	Default
Deployment target	Node RED UWLBF 2022-11-18
Created	11/18/2022

Services

Cloudant

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

Credentials ▾

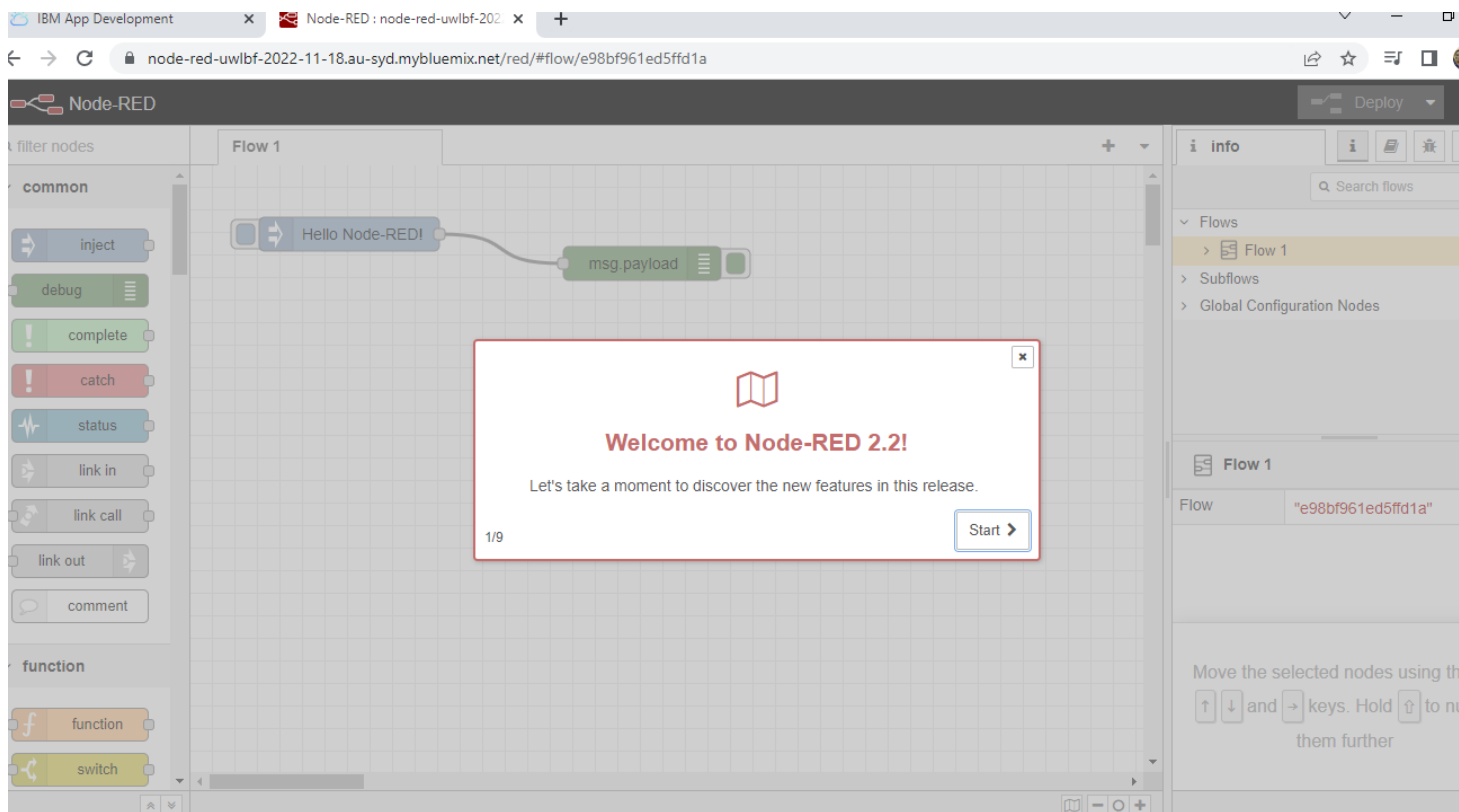
[Connect existing services](#) [Create service](#)

Deployment Automation

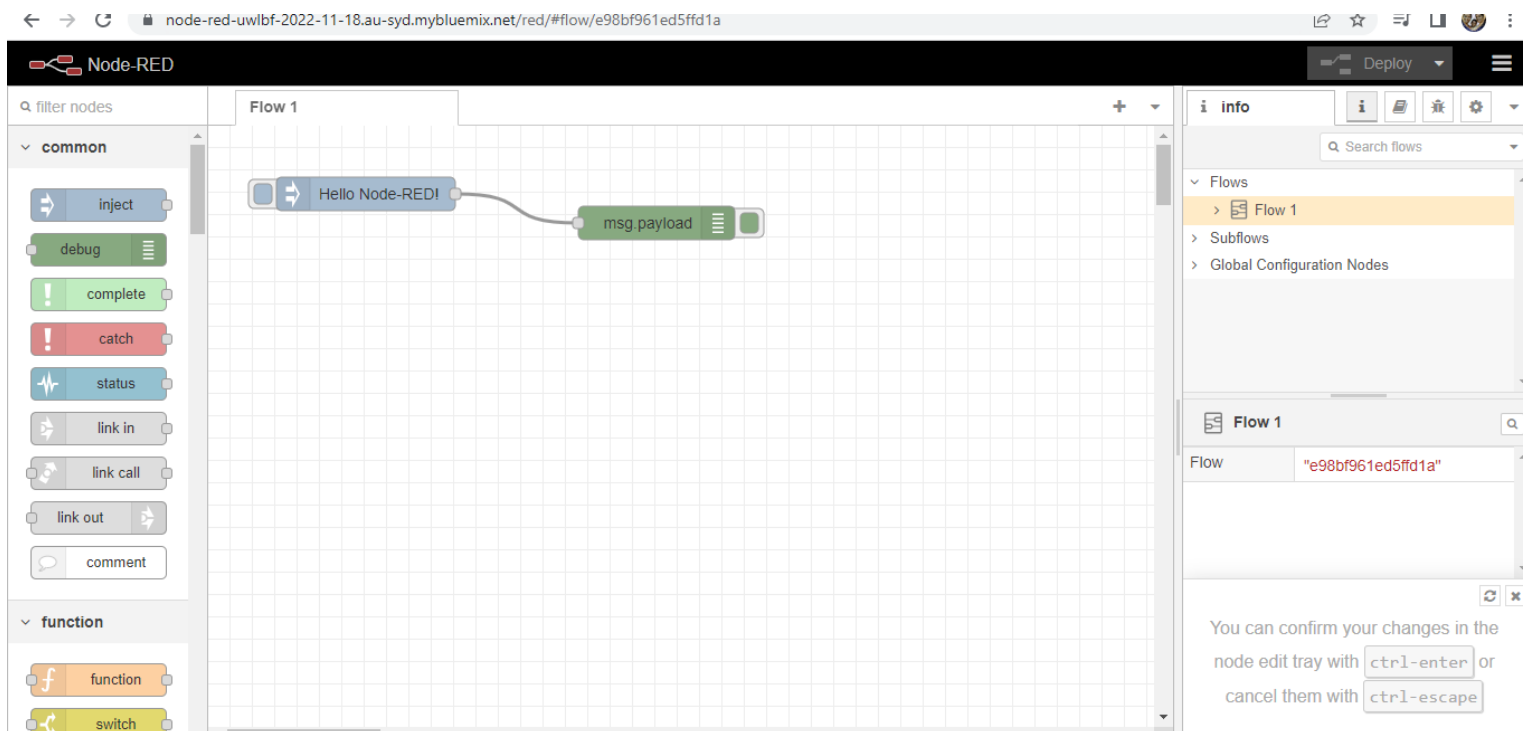
Name	NodeREDUWLBF2022-11-18
Location	Sydney
Tool integrations	

Delivery Pipelines

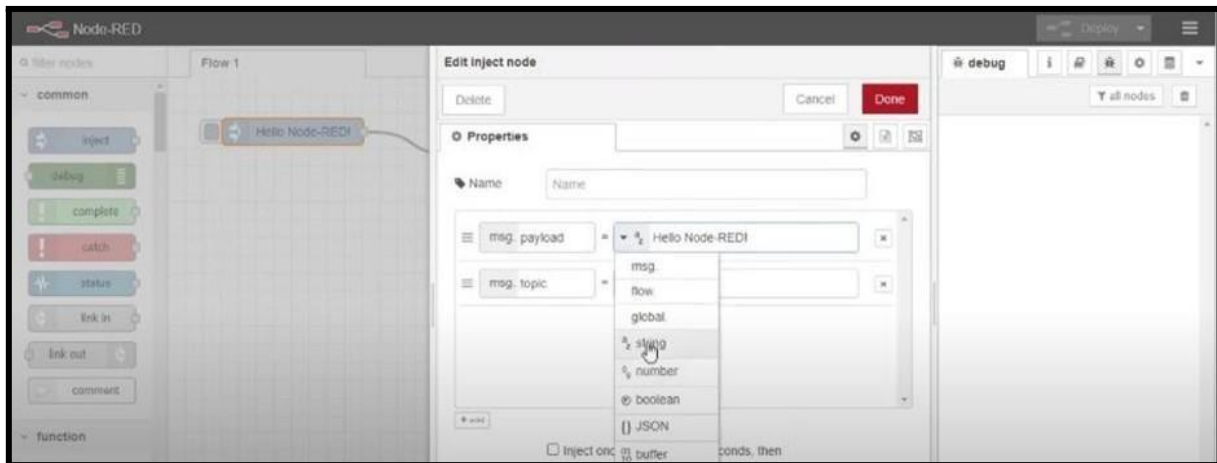
Name	pr-pipeline
Status	No stages detected
Name	ci-pipeline
Status	Success



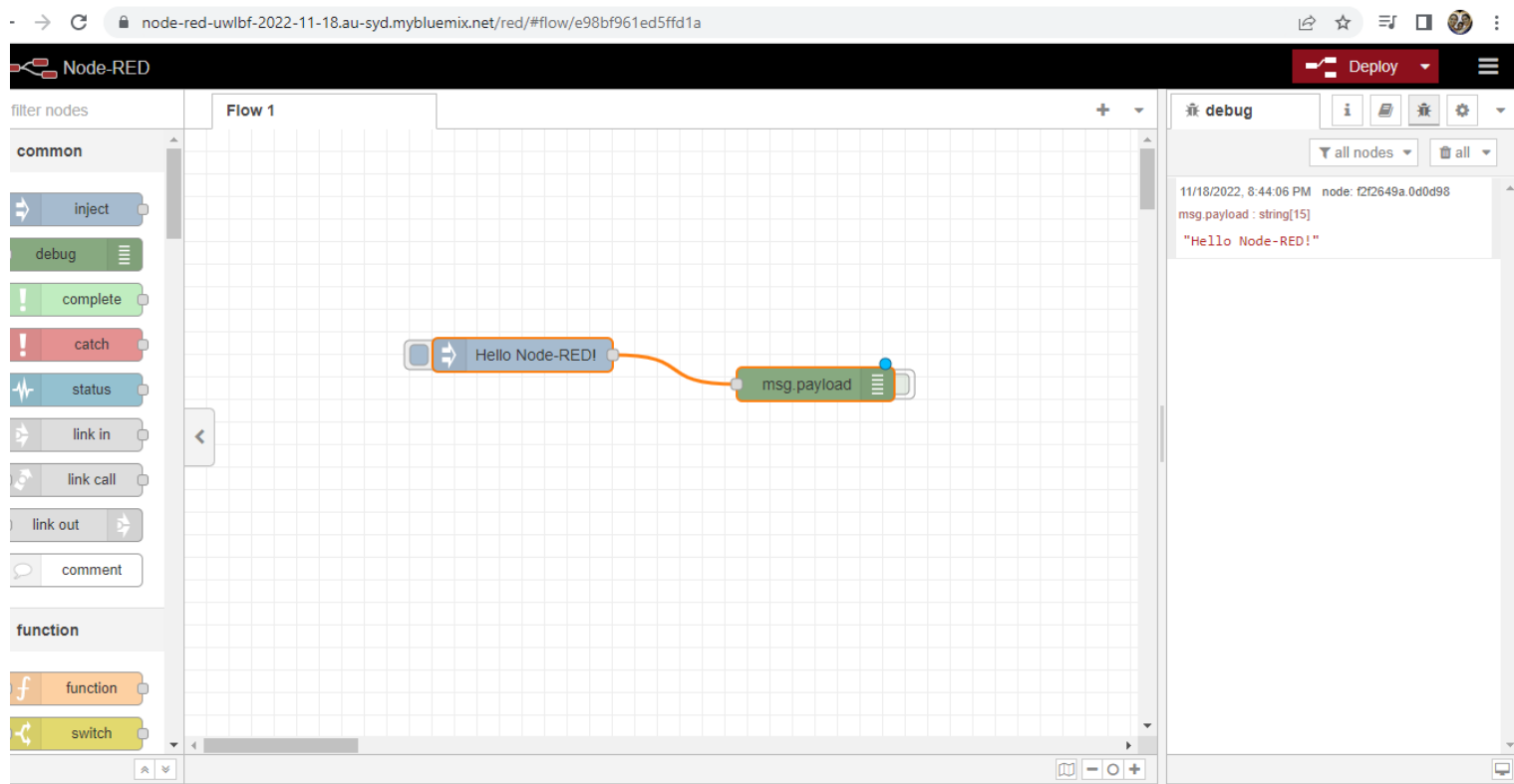
- Dragged and dropped components into the editor



- Editing some values of the properties



- Successfully deployed the app



Result:

Successfully created a Node-RED service on IBM Cloud