

## Create and configure IBM Cloud services

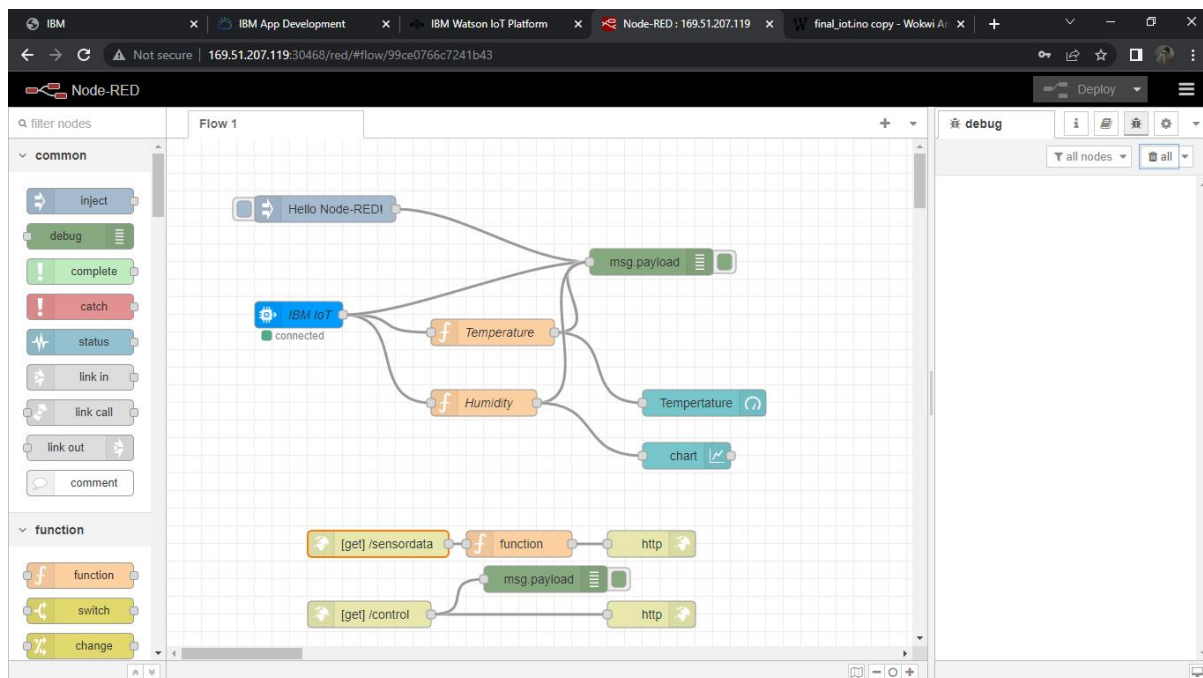
### Create Node-Red Services

Date	14 September 2022
Team ID	PNT2022TMID35120
Project Name	Project - Signs with smart connectivity for Better road safety
Maximum Marks	4 Marks

### Signs with smart connectivity for Better road safety

The screenshot displays the IBM Cloud Developer console for a service named "Node RED KUVXG 2022-11-13". The interface is divided into several sections:

- Details:** Shows the App URL (<http://169.51.207.119:30468>), Source (<https://us-south.git.cloud.ibm.com/rakulsk007/NodeREDKUV...>), Resource group (Default), Deployment target (Kube/Helm), and Created date (13/11/2022).
- Services:** Lists the connected service "Cloudant" with links to its dashboard, documentation, and API reference. It also includes buttons to "Connect existing services" and "Create service".
- Deployment Automation:** Shows the deployment pipeline with the name "NodeREDKUVXG2022-11-13", location "Dallas", and tool integrations. It lists two delivery pipelines: "pr-pipeline" (No stages detected) and "ci-pipeline" (Success).
- Getting started quickly:** Provides a list of steps to configure the app, including connecting services, downloading code, and deploying the app.



IBM App Development IBM Watson IoT Platform Node-RED : 169.51.207.119 final\_iotino copy - Wolowi A

Not secure 169.51.207.119:30468/red/#flow/99ce0766c7241b43

Node-RED Deploy

filter nodes

Flow 1

common

- inject
- debug
- complete
- catch
- status
- link in
- link call
- link out
- comment

function

- function
- switch
- change

Flow 1

Flow 1 diagram:

```
graph LR; HelloNodeRED[Hello Node-RED!] --> msgPayload[msg.payload]; IBMIoT[IBM IoT] --> msgPayload; IBMIoT --> Temperature[Temperature]; IBMIoT --> Humidity[Humidity]; Temperature --> msgPayload; Humidity --> msgPayload; Temperature --> TemperatureChart[Tempertature]; Humidity --> chart[chart]; [get]/sensordata --> function1[function]; function1 --> http1[http]; [get]/control --> msgPayload2[msg.payload]; msgPayload2 --> http2[http];
```

debug

all nodes all

11/15/2022, 6:28:13 PM node: f2f2649a-0d0d98  
msg.payload : string[15]  
"Hello Node-RED!"

11/15/2022, 6:28:13 PM node: f2f2649a-0d0d98  
msg.payload : string[15]  
"Hello Node-RED!"

11/15/2022, 6:28:14 PM node: f2f2649a-0d0d98  
msg.payload : string[15]  
"Hello Node-RED!"