Create Node-RED Service

Date	08 November 2022
Team ID	PNT2022TMID48694
Project Name	Project - Signs with smart connectivity for Better road safety
Maximum Marks	4 Marks

Signs With Smart connectivity for Better Road Safety
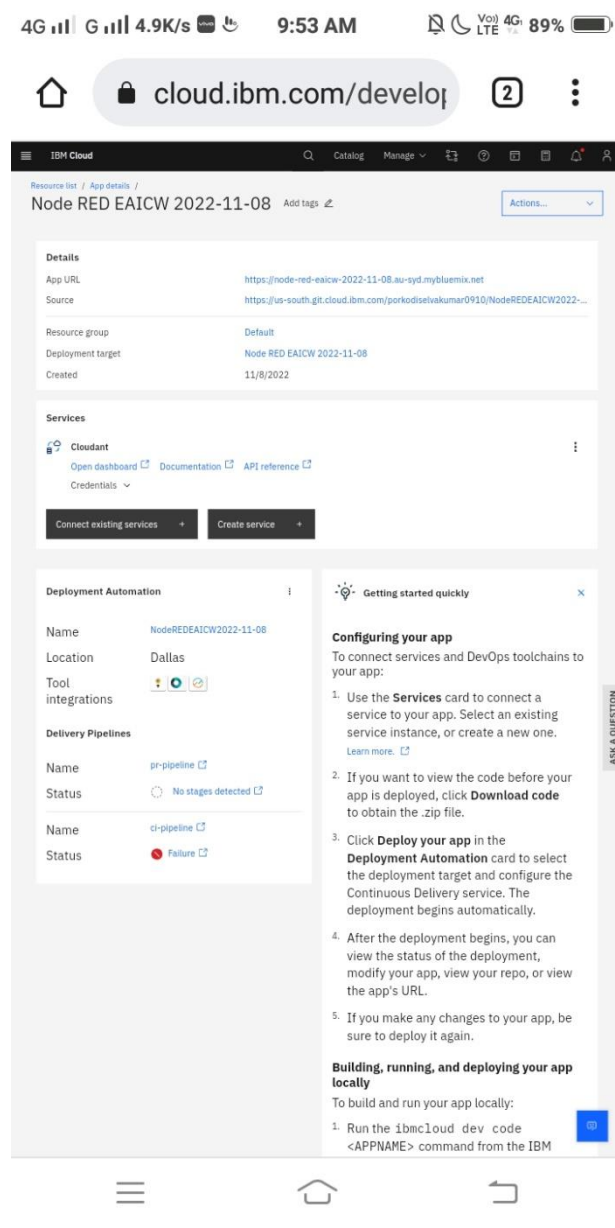
Node-RED on IBM Cloud

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

Customising your instance of Node-RED

This instance of Node-RED is enough to get you started creating flows.

You may want to customise it for your needs, for example replacing this introduction page with your own, adding http authentication to the flow editor or adding new nodes to the palette.

To start customising your instance of Node-RED, you can either download the application locally or use IBM DevOps Services to edit and deploy your changes directly.

+ Securing the editor

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≡⊂ Node-RED   ⊷ Deploy ▾   ▲   ≡

Q filter nodes | Flow 1   + ▾ | i info   i ▤ ☀ ✿ ▾

∨ common   Q Search flows   ▾

  ⇒   inject   [Hello Node-RED!]   ∨ Flows
                              └→ [msg.payload]   > 🗐 Flow 1
  debug   ▤   > Subflows
                                               > Global Configuration Nodes
  !   complete

  !   catch

  ⌁   status

  ⇒   link in

  ⤨ link call

  link out   ⇒

  ⬭   comment

∨ function

  ⨍ function

  ⤨   switch

  ✗   change   🗐 Flow 1   Q

  ▊▊   range   Flow   "1ed133ab90e63f54"

  {   template

  ⏱   delay

  ⎍   trigger

  ▯   filter

  ↻ OpenWhisk

∨ network

  ⏦   mqtt in

  mqtt out ⏦

  ⇒   http in

  http response ⇒

  ⇒ http request

  ⇒ websocket in

  websocket
  out   ⇒

  ⏦   tcp in

  tcp out ⏦

  ⏦ tcp request

  ⏦   udp in

  udp out ⏦   ↻ ✗

∨ output

  OpenWhisk ↻

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