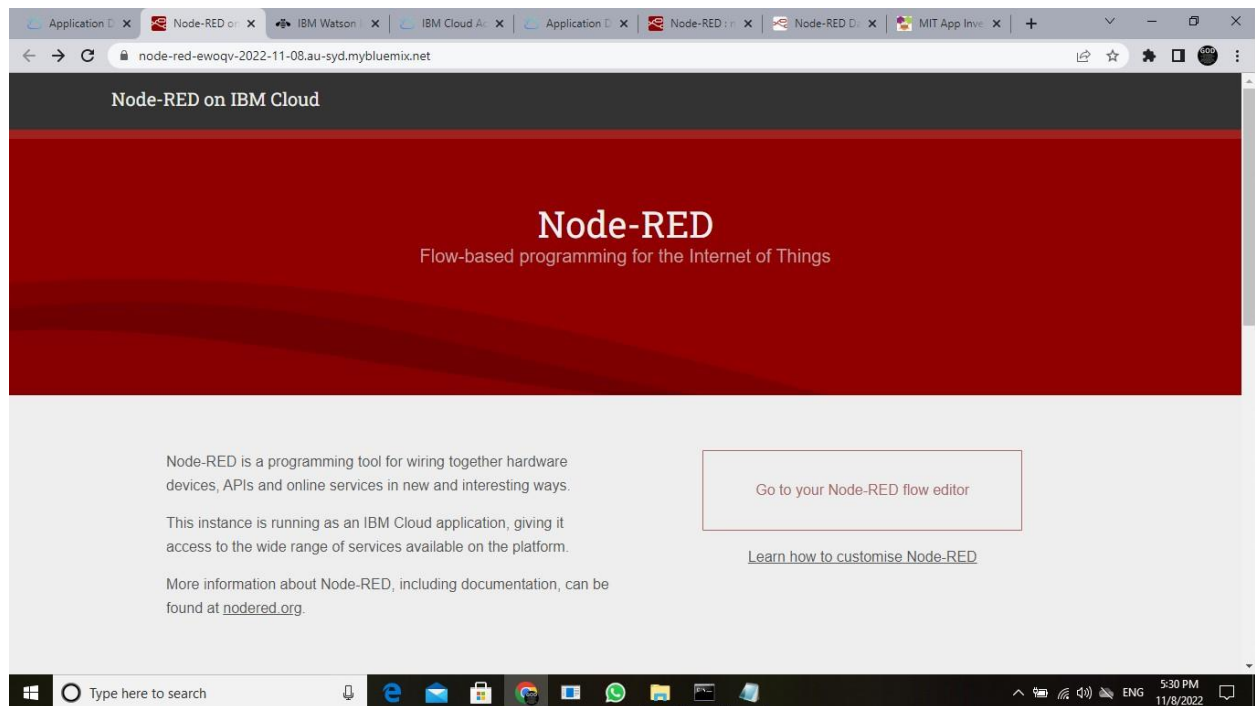


Create Node-RED Service

Date	08 NOVEMBER 2022
Team ID	PNT2022TMID34110
Project name	Smart Farmer – IoT Enabled Smart Farming Application

Node-RED is deployed in the IBM cloud.



Go to your Node-RED flow editor.

Service Details | IBM Watson IoT | IBM Cloud Account | Application Details | Node-RED | Node-RED Dashboard | MIT App Inventor

node-red-ewoqv-2022-11-08.au-syd.mybluemix.net/red/#flow/878b2ab5a27aec23

Node-RED

filter nodes

- link out
- comment
- function
- switch
- change
- range
- template
- delay
- trigger
- filter
- OpenWhisk

Flow 1

The flow diagram consists of the following nodes and connections:

- IBM IoT** (connected) receives data and splits into two paths:
 - Path 1: **msg.payload** (green) → **temperature node** (orange) → **Temperature** (blue)
 - Path 2: **msg.payload** (green) → **Humidity** (blue)
- [get] /sensor** (yellow) → **httpfunctionnode** (orange) → **http** (yellow)
- Light on** (blue) and **Light off** (blue) both connect to **msg.payload** (green).
- msg.payload** (green) connects to **IBM IoT** (connected).
- [get] /control** (yellow) → **http** (yellow)

debug

all nodes | all

Time	Node ID	msg.payload
11/8/2022, 4:58:17 PM	node: 8cc0b8ac70557096	string[8] "lightoff"
11/8/2022, 4:58:18 PM	node: 8cc0b8ac70557098	Object { command: "lightoff" }
11/8/2022, 4:58:18 PM	node: 8cc0b8ac70557098	string[8] "lightoff"
11/8/2022, 4:58:19 PM	node: 8cc0b8ac70557098	Object { command: "lighton" }
11/8/2022, 4:58:19 PM	node: 8cc0b8ac70557098	string[7] "lighton"
11/8/2022, 4:58:20 PM	node: 8cc0b8ac70557098	Object { command: "lighton" }
11/8/2022, 4:58:20 PM	node: 8cc0b8ac70557098	string[7] "lighton"

Type here to search

ENG 5:09 PM 11/8/2022