

Creating a Node-Red UI to view data in Separate Graphical form

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Project Name	Gas Leakage Monitoring and Alerting System for Industries.

After creating the Node Red Web Application, we have to install the UI interface in Node Red.

- Copy and pasting the URL of the NodeRed in the new tab

The screenshot displays the Node-RED web interface in a browser. The address bar shows the URL: <https://node-red-enzae-2022-11-05.eu-gb.mybluemix.net/red/#flow/58386317e0207858>. The interface includes a left sidebar with node categories (common, function), a central workspace with a flow diagram, and a right sidebar with a debug console.

The flow diagram, titled "Flow 2", shows an "IBM IoT" node connected to four function nodes: "Hazardous gas", "Temperature", "Humidity", and "Pressure". Each function node is connected to a corresponding output node: "Hazardous gas", "temperature", "humidity", and "Pressure". A "msg.payload" node is also present in the flow.

The debug console on the right shows the following log entries:

```
8/11/2022, 9:53:17 pm node: c030ccb05b0e57d6
iot-2/type/TestDeviceType/id/123456/evt/event_1/fmt/json :
msg.payload : undefined
undefined

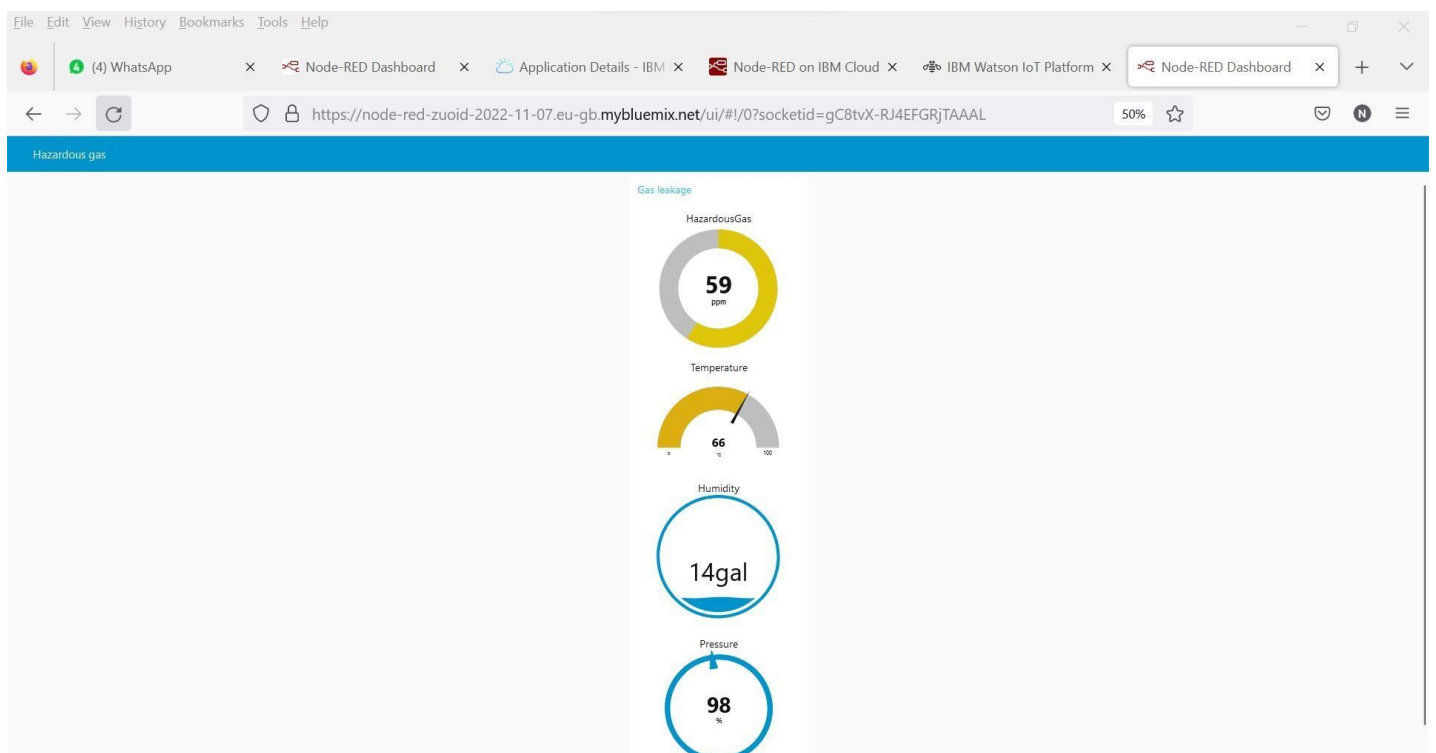
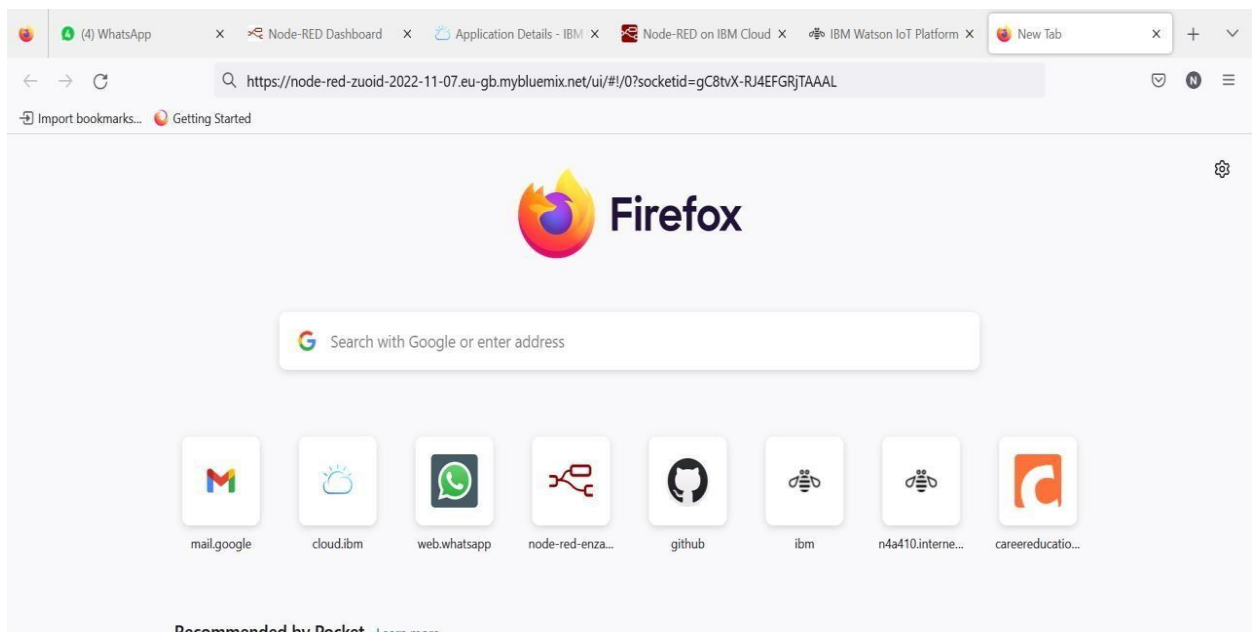
8/11/2022, 9:53:17 pm node: c030ccb05b0e57d6
iot-2/type/TestDeviceType/id/123456/evt/event_1/fmt/json :
msg.payload : undefined
undefined

8/11/2022, 9:53:17 pm node: c030ccb05b0e57d6
iot-2/type/TestDeviceType/id/123456/evt/event_1/fmt/json :
msg.payload : Object
{ Hazardous Gas: 32, temperature: 23, humidity: 25, Pressure: 78 }

8/11/2022, 9:53:17 pm node: c030ccb05b0e57d6
iot-2/type/TestDeviceType/id/123456/evt/event_1/fmt/json :
msg.payload : Object
{ Hazardous Gas: 32, temperature: 23, humidity: 25, Pressure: 78 }

8/11/2022, 9:53:18 pm node: c030ccb05b0e57d6
```

Output :



Link: <https://node-red-zuoid-2022-11-10.eu-gb.mybluemix.net/ui/#!/0?socketid=gC8tvX-RJ4EFGRjTAAAL>

Result:

Thus, the Node Red UI is created successfully.