

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.

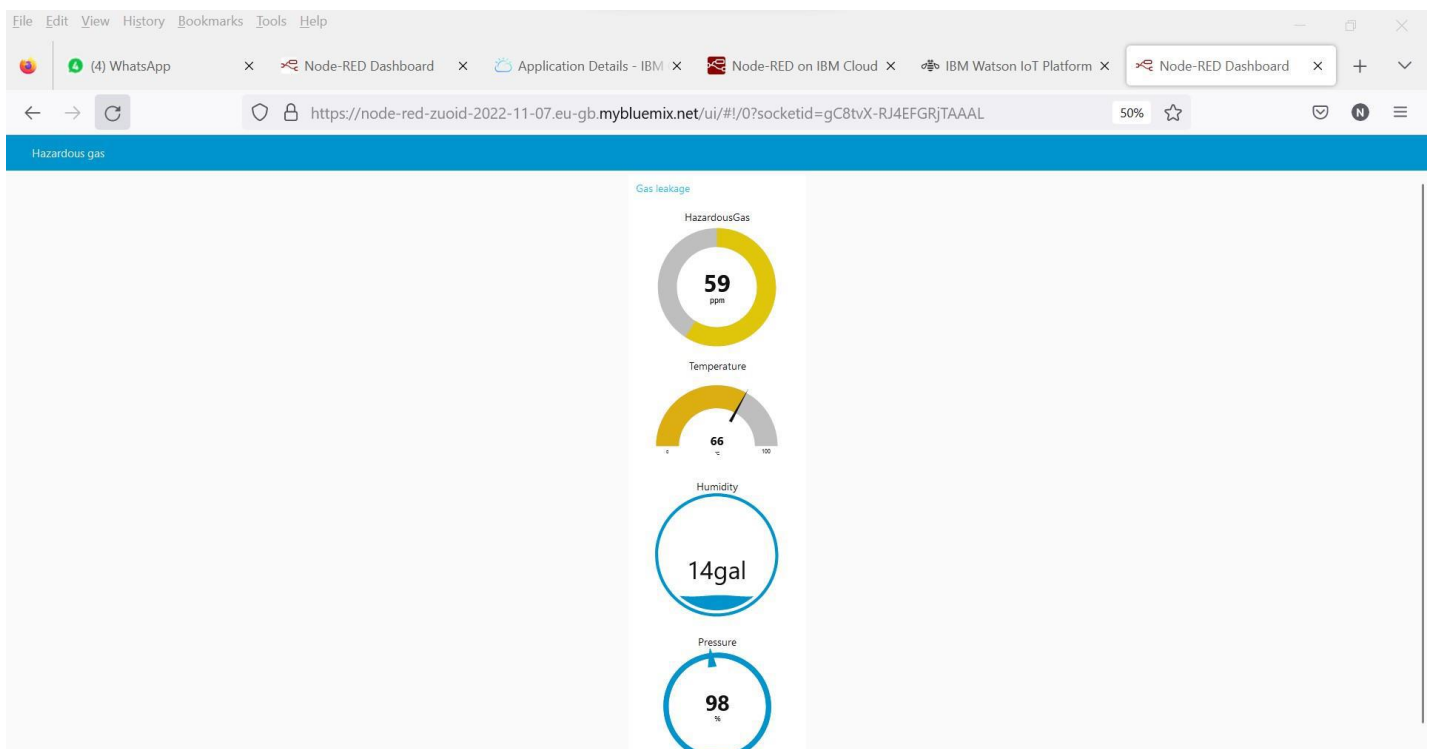
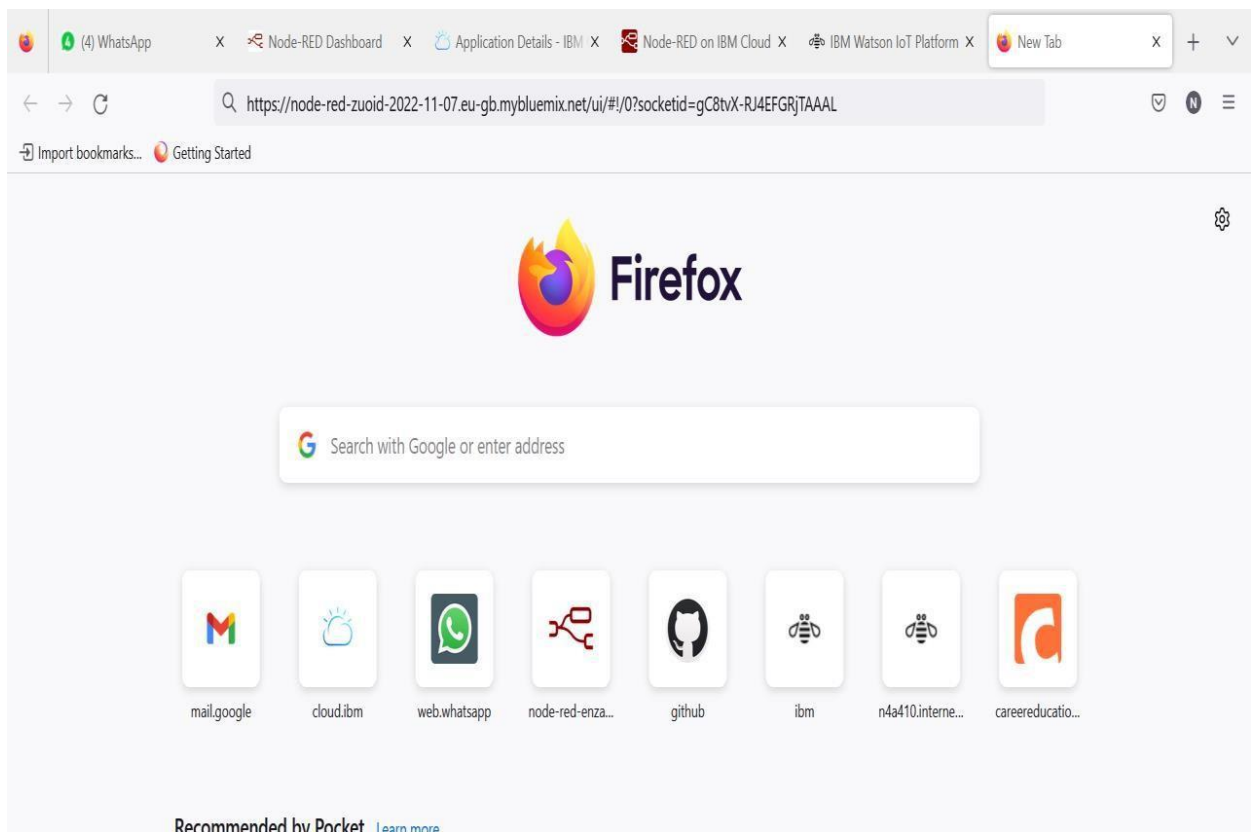
- Copy and pasting the URL of the NodeRed in the new tab

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 a 'filter nodes' search bar and two categories: 'common' and 'function'. The 'common' category contains nodes like inject, debug, complete, catch, status, link in, link call, link out, and comment. The 'function' category is currently empty. The main workspace shows 'Flow 2' with a flow diagram. It starts with an 'IBM IoT' node (labeled 'connected') that branches into four parallel paths. Each path consists of a function node (labeled 'Hazardous gas', 'Temperature', 'Humidity', and 'Pressure' respectively) followed by a corresponding output node (labeled 'Hazardous gas', 'temperature', 'humidity', and 'Pressure' respectively). A 'msg.payload' node is also present in the flow. The right sidebar shows a 'debug' console with a list of messages. The messages are JSON objects containing sensor data:

```
{ Hazardous Gas: 32, temperature: 23, humidity: 25, Pressure: 78 }
```

. The messages are timestamped and include node and device information.

Output :



Link: <https://node-red-zuoid-2022-11-10.eu-gb.mybluemix.net/ui/#!/0?socketid=gC8tvX-RJ4EFGRJTAAAL>

Result: