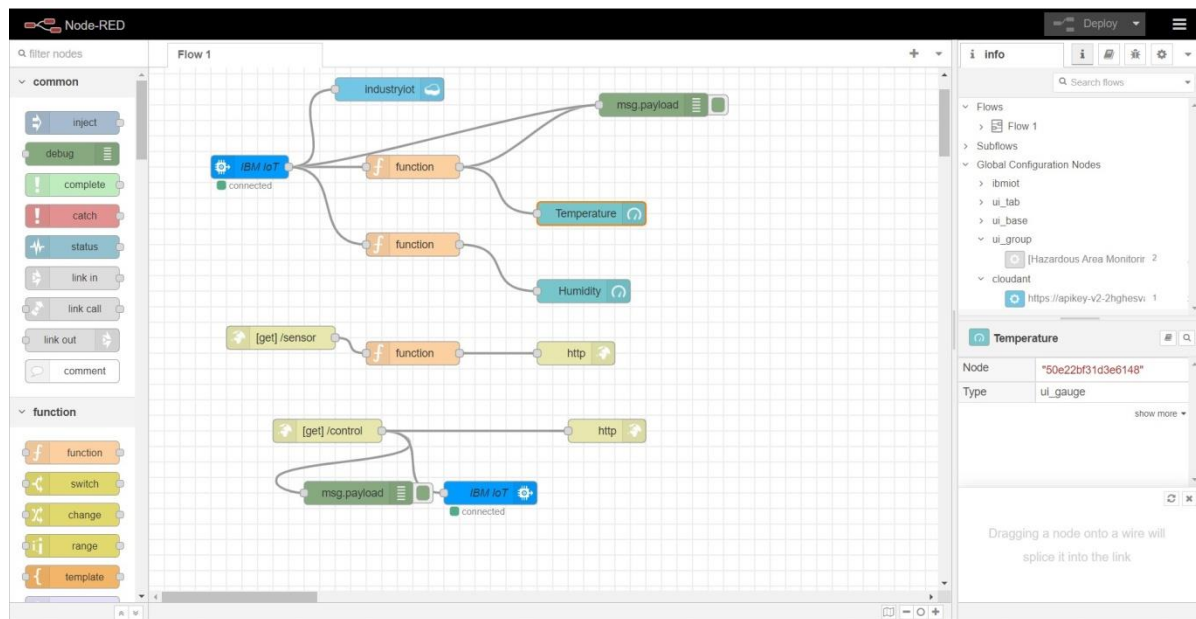


Configure The Application To Receive The Data From Cloud

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Team Id	PNT2022TMID51106
Title	Hazardous Area Monitoring for Industrial Plant powered by IoT

Node red flow created to get values



Configuring function to fetch the desired value

The screenshot shows a Node-RED flow named 'Flow 1'. The flow starts with an 'IBM IoT' node (connected), which branches into three 'function' nodes. The top 'function' node is selected, and its configuration window is open. The configuration window has tabs for 'Setup', 'On Start', 'On Message', and 'On Stop'. The 'On Message' tab is active, showing the following JavaScript code:

```
1 msg.payload = msg.payload.temp;  
2 global.set('t',msg.payload)  
3 return msg;
```

The flow continues from the 'function' nodes to an 'industryiot' node, then to a '[get] /sensor' node, and finally to a '[get] /control' node. The '[get] /control' node is connected to a 'msg.payload' node.

This screenshot shows the same Node-RED flow as the previous image, but the 'function' node configuration is now set to extract humidity data. The 'On Message' tab is active, showing the following JavaScript code:

```
1 msg.payload = msg.payload.humid;  
2 global.set('h',msg.payload)  
3 return msg;
```

The flow structure remains identical: 'IBM IoT' node connected to three 'function' nodes, followed by 'industryiot', '[get] /sensor', and '[get] /control' nodes, with the final output being 'msg.payload'.

App Blocks to render the values and display it in app

