

## SPRINT-2

<b>Date</b>	14 November 2022
<b>Team ID</b>	PNT2022TMID48307
<b>Project Name</b>	Industry-specific intelligent fire management system
<b>Maximum Marks</b>	8 Marks

IBM | Service Details - IBM Cloud | Node-RED : node-red-ikluy-2022-11 | https://node-red-ikluy-2022-11-13.au-syd.mybluemix.net/red/#flow/3e5b7d2a5cf2e52b | MIT App Inventor | MIT App Inventor | (19) WhatsApp

node-red-ikluy-2022-11-13.au-syd.mybluemix.net/red/#flow/3e5b7d2a5cf2e52b

Node-RED

Filter nodes

Flow 1

common

- inject
- debug
- complete
- catch
- status
- link in
- link call
- link out
- comment

function

- function
- switch
- change
- range
- template
- delay
- trigger
- filter
- OpenWhisk

Flow 1 diagram:

The flow starts with an **IBM IoT** node (blue) connected to three function nodes: **Temperature**, **Flame**, and **Gas** (orange). These function nodes are connected to **msg.payload** nodes (green) and then to **Temperature**, **Flame**, and **gas** nodes (teal). The **Temperature** node is connected to a **msg.payload** node, which is then connected to a **Temperature** node. The **Flame** node is connected to a **msg.payload** node, which is then connected to a **Flame** node. The **Gas** node is connected to a **msg.payload** node, which is then connected to a **gas** node.

Below this, there are two function nodes: **FAN ON** and **FAN OFF** (teal). These are connected to an **IBM IoT** node (blue) and a **msg.payload** node (green). The **FAN ON** node is connected to the **IBM IoT** node and the **msg.payload** node. The **FAN OFF** node is connected to the **IBM IoT** node and the **msg.payload** node.

At the bottom, there is a **[get] /command** node (yellow) connected to an **http** node (yellow).

On the right side, there is a **[get] /data** node (yellow) connected to a **Webpage** node (orange) connected to an **http** node (yellow).

30°C Mostly sunny

Search

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