

## DEBUGGING AND TRACEABILITY

Date	November 18, 2022
Team ID	PNT2022TMID28587
Project Name	Smart Waste management System in Metropolitan cities.

[

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"disabled": false,

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"eventType": "+",

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    "35b263513ea4f373"
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  "z": "6ed1189c17ed0439",
  "name": "msg.payload",
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    "libs": [],
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        "b678812da97d9d1a"
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]
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    "func": "msg.payload=msg. payload.load\\nglobal.set('I',
msg.payload)\\nreturn msg;",
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    "noerr": 0,
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    "#ca3838"
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"label": "KG",
"format": "{{value}}",
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    "#ca3838"
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"seg2": "",
"className": "",
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    "type": "http in",
```

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"z": "6ed1189c17ed0439",
"name": "",
"url": "/sensor",
"method": "get",
"upload": false,
"swaggerDoc": "",
"x": 210,
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"wires": [
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  ]
],
},
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  "type": "http response",
  "z": "6ed1189c17ed0439",
  "name": "",
  "statusCode": "",
  "headers": {},
  "x": 710,
  "y": 400,
  "wires": []
},
{
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```

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global.get('l')}\\nreturn msg;",
"outputs": 1,
"noerr": 0,
"initialize": "",
"finalize": "",
"libs": [],
"x": 460,
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"wires": [
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  ]
],
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  "z": "6ed1189c17ed0439",
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  "apiKey": "bf9996433728395e",
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  "ruleId": "",
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```



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"format": "json",
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"allLogicalInterfaces": "",
"allEvents": true,
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    "a5ed197df7ced05a"
  ]
]
},
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    "outputs": 1,
    "noerr": 0,
    "initialize": "",
    "finalize": "",
    "libs": [],
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    "y": 540,
    "wires": [
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            "9b44a1863803e38a"
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},
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    "type": "function",
    "z": "6ed1189c17ed0439",
    "name": "LOAD cell 2",
    "func": "msg.payload=msg.payload.load\nnglobal.set('l',
msg.payload)\nreturn msg;",
    "outputs": 1,
    "noerr": 0,
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```
"initialize": "",
"finalize": "",
"libs": [],
"x": 450,
"y": 600,
"wires": [
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    "40ccb32035a0f55f"
  ]
],
},
{
  "id": "2a22e946c6d5f734",
  "type": "debug",
  "z": "6ed1189c17ed0439",
  "name": "msg.payload",
  "active": true,
  "tosidebar": true,
  "console": false,
  "tostatus": false,
  "complete": "payload",
  "targetType": "msg",
  "statusVal": "",
  "statusType": "auto",
  "x": 650,
  "y": 480,
  "wires": []
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```

```
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  "type": "ui_gauge",
  "z": "6ed1189c17ed0439",
  "name": "",
  "group": "f3b64a4198b3c46c",
  "order": 4,
  "width": 4,
  "height": 4,
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  "title": "Distance 2",
  "label": "Cm",
  "format": "{{value}}",
  "min": 0,
  "max": "100",
  "colors": [
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    "#e6e600",
    "#ca3838"
  ],
  "seg1": "",
  "seg2": "",
  "className": "",
  "x": 710,
  "y": 540,
  "wires": []
}
```

```
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  "name": "",  
  "group": "f3b64a4198b3c46c",  
  "order": 5,  
  "width": 4,  
  "height": 4,  
  "gtype": "gage",  
  "title": "LOAD CELL 2",  
  "label": "KG",  
  "format": "{{value}}",  
  "min": 0,  
  "max": "100",  
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  "seg1": "",  
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  "wires": []
```

```

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      "z": "6ed1189c17ed0439",
      "name": "",
      "url": "/sensor",
      "method": "get",
      "upload": false,
      "swaggerDoc": "",
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      ]
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    {
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      "type": "function",
      "z": "6ed1189c17ed0439",
      "name": "function 2",
      "func": "msg.payload = { \"dist\": global.get('d'), \"load\": global.get('l')}\\nreturn msg;",
      "outputs": 1,
      "noerr": 0,
      "initialize": ""
    }
  ]
}

```

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  "z": "6ed1189c17ed0439",
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  "wires": []
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```

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"allApplications": "",
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"allLogicalInterfaces": "",
"allEvents": true,
"allCommands": "",
"allFormats": "",
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"wires": [
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    "fbf611802e58a9d1",
    "231892da1f5ab0fb"
  ]
]
```



```
]
},
{
  "id": "1c11c86fbb36f097",
  "type": "http in",
  "z": "6ed1189c17ed0439",
  "name": "",
  "url": "/sensor",
  "method": "get",
  "upload": false,
  "swaggerDoc": "",
  "x": 190,
  "y": 900,
  "wires": [
    [
      "cdea8fe7bd7a2f5e"
    ]
  ]
},
{
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  "type": "debug",
  "z": "6ed1189c17ed0439",
  "name": "msg.payload",
  "active": true,
  "tosidebar": true,
  "console": false,
```

```
"tostatus": false,
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"statusVal": "",
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"wires": []
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{
  "id": "c7ddb56ba52e82df",
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  "z": "6ed1189c17ed0439",
  "name": "msg.payload",
  "active": true,
  "tosidebar": true,
  "console": false,
  "tostatus": false,
  "complete": "payload",
  "targetType": "msg",
  "statusVal": "",
  "statusType": "auto",
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  "y": 760,
  "wires": []
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```

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"func": "msg.payload =
msg.payload.dist\nglobal.set('d',msg.payload)\nreturn msg;",
"outputs": 1,
"noerr": 0,
"initialize": "",
"finalize": "",
"libs": [],
"x": 470,
"y": 980,
"wires": [
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    "b88ea394cc4571c3"
  ]
],
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{
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  "type": "function",
  "z": "6ed1189c17ed0439",
  "name": "Distance 3",
  "func": "msg.payload =
msg.payload.dist\nglobal.set('d',msg.payload)\nreturn msg;",
  "outputs": 1,
```

```
"noerr": 0,
"initialize": "",
"finalize": "",
"libs": [],
"x": 470,
"y": 780,
"wires": [
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    "240d2e6c8f487fd8"
  ]
],
},
{
  "id": "231892da1f5ab0fb",
  "type": "function",
  "z": "6ed1189c17ed0439",
  "name": "LOAD cell 3",
  "func": "msg.payload=msg.payload.load\\nglobal.set('l',
msg.payload)\\nreturn msg;",
  "outputs": 1,
  "noerr": 0,
  "initialize": "",
  "finalize": "",
  "libs": [],
  "x": 470,
  "y": 820,
  "wires": [
```

```
[
  [
    "e18c17929284e061"
  ]
]
},
{
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  "type": "function",
  "z": "6ed1189c17ed0439",
  "name": "LOAD cell 4",
  "func": "msg.payload=msg. payload.load\nglobal.set('I',
msg.payload)\nreturn msg;",
  "outputs": 1,
  "noerr": 0,
  "initialize": "",
  "finalize": "",
  "libs": [],
  "x": 470,
  "y": 1020,
  "wires": [
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      ]
    ]
  ]
},
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  "type": "function",
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"name": "function 3",
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global.get('l')}\\nreturn msg;",
"outputs": 1,
"noerr": 0,
"initialize": "",
"finalize": "",
"libs": [],
"x": 420,
"y": 900,
"wires": [
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    "9bfb685be1503933"
  ]
],
},
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  "id": "9bfb685be1503933",
  "type": "http response",
  "z": "6ed1189c17ed0439",
  "name": "",
  "statusCode": "",
  "headers": {},
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  "y": 900,
  "wires": []
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```

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{
  "id": "240d2e6c8f487fd8",
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  "z": "6ed1189c17ed0439",
  "name": "",
  "group": "f3b64a4198b3c46c",
  "order": 15,
  "width": 4,
  "height": 4,
  "gtype": "gage",
  "title": "Distance 3",
  "label": "Cm",
  "format": "{{value}}",
  "min": 0,
  "max": "100",
  "colors": [
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    "#e6e600",
    "#ca3838"
  ],
  "seg1": "",
  "seg2": "",
  "className": "",
  "x": 830,
  "y": 800,
  "wires": []
},
```

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{
  "id": "b88ea394cc4571c3",
  "type": "ui_gauge",
  "z": "6ed1189c17ed0439",
  "name": "",
  "group": "f3b64a4198b3c46c",
  "order": 18,
  "width": 4,
  "height": 4,
  "gtype": "gage",
  "title": "Distance 4",
  "label": "Cm",
  "format": "{{value}}",
  "min": 0,
  "max": "100",
  "colors": [
    "#00b500",
    "#e6e600",
    "#ca3838"
  ],
  "seg1": "",
  "seg2": "",
  "className": "",
  "x": 750,
  "y": 1000,
  "wires": []
},
```



```
{
  "id": "e18c17929284e061",
  "type": "ui_gauge",
  "z": "6ed1189c17ed0439",
  "name": "",
  "group": "f3b64a4198b3c46c",
  "order": 16,
  "width": 4,
  "height": 4,
  "gtype": "gage",
  "title": "LOAD CELL 3",
  "label": "KG",
  "format": "{{value}}",
  "min": 0,
  "max": "100",
  "colors": [
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    "#ca3838"
  ],
  "seg1": "",
  "seg2": "",
  "className": "",
  "x": 840,
  "y": 840,
  "wires": []
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  "type": "ibmiot in",  
  "z": "6ed1189c17ed0439",  
  "authentication": "apiKey",  
  "apiKey": "bf9996433728395e",  
  "inputType": "evt",  
  "logicalInterface": "",  
  "ruleId": "",  
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  "applicationId": "",  
  "deviceType": "BIN4",  
  "eventType": "+",  
  "commandType": "",  
  "format": "json",  
  "name": "IBM IoT",  
  "service": "registered",  
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  "allApplications": "",  
  "allDeviceTypes": false,  
  "allLogicalInterfaces": "",  
  "allEvents": true,  
  "allCommands": "",  
  "allFormats": "",  
  "qos": 0,  
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  "y": 1000,
```

```
"wires": [  
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    "a0cbff62cdd2e77c",  
    "c49cd92e337f886b"  
  ]  
]  
,  
{  
  "id": "c7a15e2a5bf9c2da",  
  "type": "ui_gauge",  
  "z": "6ed1189c17ed0439",  
  "name": "",  
  "group": "f3b64a4198b3c46c",  
  "order": 19,  
  "width": 4,  
  "height": 4,  
  "gtype": "gage",  
  "title": "LOAD CELL 4",  
  "label": "KG",  
  "format": "{{value}}",  
  "min": 0,  
  "max": "100",  
  "colors": [  
    "#00b500",  
    "#e6e600",  
    "#ca3838"
```

```
],
  "seg1": "",
  "seg2": "",
  "className": "",
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  "y": 1040,
  "wires": []
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{
  "id": "3cec67f2e3359287",
  "type": "http in",
  "z": "6ed1189c17ed0439",
  "name": "",
  "url": "/sensor",
  "method": "get",
  "upload": false,
  "swaggerDoc": "",
  "x": 230,
  "y": 1080,
  "wires": [
    [
      "c08f7bb853942b70"
    ]
  ]
},
{
  "id": "c08f7bb853942b70",
```

```
"type": "function",
"z": "6ed1189c17ed0439",
"name": "function 4",
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global.get('l')}\nreturn msg;",
"outputs": 1,
"noerr": 0,
"initialize": "",
"finalize": "",
"libs": [],
"x": 460,
"y": 1080,
"wires": [
  [
    "07773f295c5a783c"
  ]
],
},
{
  "id": "07773f295c5a783c",
  "type": "http response",
  "z": "6ed1189c17ed0439",
  "name": "",
  "statusCode": "",
  "headers": {},
  "x": 670,
  "y": 1080,
  "wires": []
}
```

```
},  
{  
  "id": "517648d26c93720d",  
  "type": "ui_spacer",  
  "z": "6ed1189c17ed0439",  
  "name": "spacer",  
  "group": "f3b64a4198b3c46c",  
  "order": 3,  
  "width": 4,  
  "height": 1  
},  
{  
  "id": "e3086afde0717b7f",  
  "type": "ui_spacer",  
  "z": "6ed1189c17ed0439",  
  "name": "spacer",  
  "group": "f3b64a4198b3c46c",  
  "order": 6,  
  "width": 4,  
  "height": 1  
},  
{  
  "id": "329502bdd11bd52a",  
  "type": "ui_spacer",  
  "z": "6ed1189c17ed0439",  
  "name": "spacer",  
  "group": "f3b64a4198b3c46c",
```

```
"order": 7,  
"width": 4,  
"height": 1  
},  
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  "id": "7321a3216f223378",  
  "type": "ui_spacer",  
  "z": "6ed1189c17ed0439",  
  "name": "spacer",  
  "group": "f3b64a4198b3c46c",  
  "order": 8,  
  "width": 4,  
  "height": 1  
},  
{  
  "id": "f830dc54889698c4",  
  "type": "ui_spacer",  
  "z": "6ed1189c17ed0439",  
  "name": "spacer",  
  "group": "f3b64a4198b3c46c",  
  "order": 9,  
  "width": 4,  
  "height": 1  
},  
{  
  "id": "3e4d0a1c6525c3dd",  
  "type": "ui_spacer",
```

```
"z": "6ed1189c17ed0439",
"name": "spacer",
"group": "f3b64a4198b3c46c",
"order": 10,
"width": 4,
"height": 1
},
{
  "id": "f5fa3cc71404c6c2",
  "type": "ui_spacer",
  "z": "6ed1189c17ed0439",
  "name": "spacer",
  "group": "f3b64a4198b3c46c",
  "order": 11,
  "width": 4,
  "height": 1
},
{
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  "group": "f3b64a4198b3c46c",
  "order": 12,
  "width": 4,
  "height": 1
},
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  "group": "f3b64a4198b3c46c",
  "order": 13,
  "width": 24,
  "height": 1
},
{
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  "type": "ui_spacer",
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  "group": "f3b64a4198b3c46c",
  "order": 14,
  "width": 24,
  "height": 1
},
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  "name": "spacer",
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  "order": 17,
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"width": 4,
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},
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  "name": "spacer",
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  "order": 20,
  "width": 4,
  "height": 1
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  "z": "6ed1189c17ed0439",
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  "group": "f3b64a4198b3c46c",
  "order": 21,
  "width": 4,
  "height": 1
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{
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  "type": "ui_spacer",
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"name": "spacer",
"group": "f3b64a4198b3c46c",
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  "z": "6ed1189c17ed0439",
  "name": "spacer",
  "group": "f3b64a4198b3c46c",
  "order": 23,
  "width": 4,
  "height": 1
},
{
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  "type": "ui_spacer",
  "z": "6ed1189c17ed0439",
  "name": "spacer",
  "group": "f3b64a4198b3c46c",
  "order": 24,
  "width": 4,
  "height": 1
},
{
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"order": 25,
"width": 4,
"height": 1
},
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  "type": "ui_spacer",
  "z": "6ed1189c17ed0439",
  "name": "spacer",
  "group": "f3b64a4198b3c46c",
  "order": 26,
  "width": 4,
  "height": 1
},
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  "type": "ibmiot",
  "name": "Gogul",
  "keepalive": "60",
  "serverName": "",
  "cleansession": true,
  "appId": "",
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    "type": "ui_group",
    "name": "control",
    "tab": "2b19469befff9adb",
    "order": 2,
    "disp": true,
    "width": "24",
    "collapse": false,
    "className": ""
  },
  {
    "id": "2b19469befff9adb",
    "type": "ui_tab",
    "name": "control",
    "icon": "control",
    "disabled": false,
    "hidden": false
  }
]
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