

```
[
  {
    "id": "931153a67f419cc7",
    "type": "tab",
    "label": "Flow 1",
    "disabled": false,
    "info": "",
    "env": []
  },
  {
    "id": "1f76e7a65e8d65a7",
    "type": "ibmiot in",
    "z": "931153a67f419cc7",
    "authentication": "apiKey",
    "apiKey": "b2ede069630b4886",
    "inputType": "evt",
    "logicalInterface": "",
    "ruleId": "",
    "deviceId": "DeviceID1",
    "applicationId": "",
    "deviceType": "Devicetype1",
    "eventType": "+",
    "commandType": "",
    "format": "json",
    "name": "IBM IoT",
```

```
"service": "registered",
"allDevices": "",
"allApplications": "",
"allDeviceTypes": "",
"allLogicalInterfaces": "",
"allEvents": true,
"allCommands": "",
"allFormats": "",
"qos": 0,
"x": 70,
"y": 20,
"wires": [
    [
        "dd48d91014d7df34",
        "2c5830d11ddd6bf5",
        "12731096ae105ada"
    ]
],
},
{
    "id": "dd48d91014d7df34",
    "type": "debug",
    "z": "931153a67f419cc7",
    "name": "",
    "active": false,
    "tosidebar": true,
    "console": false,
    "tostatus": false,
```

```
    "complete": "payload",
    "targetType": "msg",
    "statusVal": "",
    "statusType": "auto",
    "x": 430,
    "y": 20,
    "wires": []
  },
  {
    "id": "2c5830d11ddd6bf5",
    "type": "function",
    "z": "931153a67f419cc7",
    "name": "Temperature node",
    "func": "msg.payload = msg.payload.Temperature\\nglobal.set('t',\nmsg.payload)\\nreturn msg;",
    "outputs": 1,
    "noerr": 0,
    "initialize": "",
    "finalize": "",
    "libs": [],
    "x": 450,
    "y": 80,
    "wires": [
      [
        "8e11ed2178ace305"
      ]
    ]
  },
}
```

```
{
  "id": "8e11ed2178ace305",
  "type": "ui_gauge",
  "z": "931153a67f419cc7",
  "name": "",
  "group": "04aec9e1fb3d61bc",
  "order": 0,
  "width": 0,
  "height": 0,
  "gtype": "gage",
  "title": "Temperature",
  "label": "C",
  "format": "{{value}}",
  "min": 0,
  "max": "100",
  "colors": [
    "#00b500",
    "#e6e600",
    "#ca3838"
  ],
  "seg1": "",
  "seg2": "",
  "className": "",
  "x": 750,
  "y": 80,
  "wires": []
},
{
```

```
    "id": "12731096ae105ada",
    "type": "function",
    "z": "931153a67f419cc7",
    "name": "Humidity node",
    "func": "msg.payload = msg.payload.Humidity\\nglobal.set('h',
msg.payload)\\nreturn msg;",
    "outputs": 1,
    "noerr": 0,
    "initialize": "",
    "finalize": "",
    "libs": [],
    "x": 440,
    "y": 140,
    "wires": [
        [
            "ff717bcd6da128c5"
        ]
    ]
},
{
    "id": "ff717bcd6da128c5",
    "type": "ui_gauge",
    "z": "931153a67f419cc7",
    "name": "",
    "group": "04aec9e1fb3d61bc",
    "order": 0,
    "width": 0,
    "height": 0,
```

```
"gtype": "gage",
"title": "Humidity",
"label": "%",
"format": "{{value}}",
"min": 0,
"max": "100",
"colors": [
    "#00b500",
    "#e6e600",
    "#ca3838"
],
"seg1": "",
"seg2": "",
"className": "",
"x": 740,
"y": 140,
"wires": []
},
{
    "id": "df8c8177c6f9b809",
    "type": "ui_button",
    "z": "931153a67f419cc7",
    "name": "",
    "group": "04aec9e1fb3d61bc",
    "order": 2,
    "width": 0,
    "height": 0,
    "passthru": false,
```

```
"label": "Light ON",
"tooltip": "",
"color": "",
"bgcolor": "",
"className": "",
"icon": "",
"payload": "{\"command\":\"Light ON\"}",
"payloadType": "json",
"topic": "topic",
"topicType": "msg",
"x": 100,
"y": 260,
"wires": [
  [
    "e17f84198e248fc6",
    "685020225491f9c8"
  ]
],
},
{
  "id": "e17f84198e248fc6",
  "type": "debug",
  "z": "931153a67f419cc7",
  "name": "",
  "active": false,
  "tosidebar": true,
  "console": false,
  "tostatus": false,
```

```
    "complete": "payload",
    "targetType": "msg",
    "statusVal": "",
    "statusType": "auto",
    "x": 750,
    "y": 260,
    "wires": []
  },
  {
    "id": "35cb4c9b327d9cc2",
    "type": "ui_button",
    "z": "931153a67f419cc7",
    "name": "",
    "group": "04aec9e1fb3d61bc",
    "order": 3,
    "width": 0,
    "height": 0,
    "passthru": false,
    "label": "Light OFF",
    "tooltip": "",
    "color": "",
    "bgcolor": "",
    "className": "",
    "icon": "",
    "payload": "{\"command\":\"Light OFF\"}",
    "payloadType": "json",
    "topic": "topic",
    "topicType": "msg",
```



```
"x": 100,
"y": 320,
"wires": [
  [
    "e17f84198e248fc6",
    "685020225491f9c8"
  ]
],
{
  "id": "685020225491f9c8",
  "type": "ibmiot out",
  "z": "931153a67f419cc7",
  "authentication": "apiKey",
  "apiKey": "b2ede069630b4886",
  "outputType": "cmd",
  "deviceId": "DeviceID1",
  "deviceType": "Devicetype1",
  "eventCommandType": "command",
  "format": "String",
  "data": "1",
  "qos": 0,
  "name": "IBM IoT",
  "service": "registered",
  "x": 740,
  "y": 320,
  "wires": []
},
```

```
{
  "id": "a9534596929fcd98",
  "type": "http in",
  "z": "931153a67f419cc7",
  "name": "",
  "url": "/sensor",
  "method": "get",
  "upload": false,
  "swaggerDoc": "",
  "x": 110,
  "y": 200,
  "wires": [
    [
      "7cd4e3e3f0b06bf6"
    ]
  ]
},
{
  "id": "13c73a4f8f26302d",
  "type": "http response",
  "z": "931153a67f419cc7",
  "name": "",
  "statusCode": "",
  "headers": {},
  "x": 730,
  "y": 200,
  "wires": []
},
```

```
{
  "id": "7cd4e3e3f0b06bf6",
  "type": "function",
  "z": "931153a67f419cc7",
  "name": "httpfunctionnode",
  "func": "msg.payload = { \"Temperature\": global.get(\"t\"), \"Humidity\":
global.get(\"h\") }\nreturn msg;",
  "outputs": 1,
  "noerr": 0,
  "initialize": "",
  "finalize": "",
  "libs": [],
  "x": 430,
  "y": 200,
  "wires": [
    [
      "13c73a4f8f26302d"
    ]
  ]
},
{
  "id": "fd5239f9a0681d1f",
  "type": "http in",
  "z": "931153a67f419cc7",
  "name": "",
  "url": "/control",
  "method": "get",
  "upload": false,
```

```
"swaggerDoc": "",
"x": 110,
"y": 380,
"wires": [
  [
    "f1ebac02e2968dd6"
  ]
]
},
{
  "id": "88109f6551c2547c",
  "type": "http response",
  "z": "931153a67f419cc7",
  "name": "",
  "statusCode": "",
  "headers": {},
  "x": 730,
  "y": 380,
  "wires": []
},
{
  "id": "f1ebac02e2968dd6",
  "type": "function",
  "z": "931153a67f419cc7",
  "name": "command function node",
  "func": "msg.payload=msg.payload.command\\nreturn msg;",
  "outputs": 1,
  "noerr": 0,
```

```
    "initialize": "",
    "finalize": "",
    "libs": [],
    "x": 450,
    "y": 380,
    "wires": [
      [
        "88109f6551c2547c",
        "e17f84198e248fc6",
        "685020225491f9c8"
      ]
    ]
  },
  {
    "id": "b2ede069630b4886",
    "type": "ibmiot",
    "name": "",
    "keepalive": "60",
    "serverName": "",
    "cleansession": true,
    "appId": "",
    "shared": false
  },
  {
    "id": "04aec9e1fb3d61bc",
    "type": "ui_group",
    "name": "Weather Monitoring",
    "tab": "c784f3676be6e912",
```

```
        "order": 1,  
        "disp": true,  
        "width": "6",  
        "collapse": false,  
        "className": ""  
    },  
    {  
        "id": "c784f3676be6e912",  
        "type": "ui_tab",  
        "name": "Control",  
        "icon": "dashboard",  
        "disabled": false,  
        "hidden": false  
    }  
]
```