

FLWS OF NODE RED CONNECTION

```
[
  {
    "id": "1a4aa9651b5c36b4",
    "type": "tab",
    "label": "Flow 1",
    "disabled": false,
    "info": "",
    "env": []
  },
  {
    "id": "e6a2d2d4254f0525",
    "type": "tab",
    "label": "Flow 2",
    "disabled": false,
    "info": "",
    "env": []
  },
  {
    "id": "2a99f9ef87eb882e",
    "type": "cloudant",
    "host": "https://apikey-v2-1y84y4t2b6pgwz4gv9wla17wf4iju65o0ux376e5m91p:3d002efa423dd35e65f9586652db621e@6615375e-9964-4098-8792-e91e20c8b691-bluemix.cloudantnosqldb.appdomain.cloud",
    "name": ""
  }
]
```

```
},
{
  "id": "fe31f625660bd6cf",
  "type": "ui_base",
  "theme": {
    "name": "theme-light",
    "lightTheme": {
      "default": "#0094CE",
      "baseColor": "#07e4b7",
      "baseFont": "Times New Roman,Times,serif",
      "edited": true,
      "reset": false
    },
    "darkTheme": {
      "default": "#097479",
      "baseColor": "#470ad6",
      "baseFont": "Times New Roman,Times,serif",
      "edited": true,
      "reset": false
    },
    "customTheme": {
      "name": "Untitled Theme 1",
      "default": "#4B7930",
      "baseColor": "#e9cf2b",
      "baseFont": "Times New Roman,Times,serif",
```

```
    "reset": false
  },
  "themeState": {
    "base-color": {
      "default": "#0094CE",
      "value": "#07e4b7",
      "edited": true
    },
    "page-titlebar-backgroundColor": {
      "value": "#07e4b7",
      "edited": false
    },
    "page-backgroundColor": {
      "value": "#fafafa",
      "edited": false
    },
    "page-sidebar-backgroundColor": {
      "value": "#ffffff",
      "edited": false
    },
    "group-textColor": {
      "value": "#3ef9d3",
      "edited": false
    },
    "group-borderColor": {
```

```
    "value": "#ffffff",
    "edited": false
  },
  "group-backgroundColor": {
    "value": "#ffffff",
    "edited": false
  },
  "widget-textColor": {
    "value": "#111111",
    "edited": false
  },
  "widget-backgroundColor": {
    "value": "#07e4b7",
    "edited": false
  },
  "widget-borderColor": {
    "value": "#ffffff",
    "edited": false
  },
  "base-font": {
    "value": "Times New Roman,Times,serif"
  }
},
"angularTheme": {
  "primary": "indigo",
```

```
    "accents": "blue",  
    "warn": "red",  
    "background": "grey",  
    "palette": "light"  
  }  
},  
"site": {  
  "name": "Node-RED Dashboard",  
  "hideToolbar": "false",  
  "allowSwipe": "false",  
  "lockMenu": "false",  
  "allowTempTheme": "true",  
  "dateFormat": "DD/MM/YYYY",  
  "sizes": {  
    "sx": 48,  
    "sy": 48,  
    "gx": 6,  
    "gy": 6,  
    "cx": 6,  
    "cy": 6,  
    "px": 0,  
    "py": 0  
  }  
}  
},  
},
```

```
{
  "id": "d49c7fd5daef1284",
  "type": "ui_group",
  "name": "",
  "tab": "4c6becefbdb09f6e",
  "order": 1,
  "disp": true,
  "width": 11,
  "collapse": false,
  "className": "dropdown"
},
{
  "id": "aa8d4a368e47438c",
  "type": "ibmiot",
  "name": "IBMIOT APIKEY",
  "keepalive": "60",
  "serverName": "",
  "cleansession": true,
  "appld": "",
  "shared": false
},
{
  "id": "4a9d6d96b5686399",
  "type": "ui_spacer",
  "z": "1a4aa9651b5c36b4",
```

```
"d": true,

"name": "spacer",

"group": "7217321cda89938f",

"order": 3,

"width": 1,

"height": 1
},
{
  "id": "4c6becefbdb09f6e",

  "type": "ui_tab",

  "name": "Login",

  "icon": "dashboard",

  "order": 1,

  "disabled": false,

  "hidden": false
},
{
  "id": "cdf5df09aa90392e",

  "type": "ui_tab",

  "name": "Bin Status",

  "icon": "dashboard",

  "order": 2,

  "disabled": false,

  "hidden": false
},
}
```

```
{
  "id": "fe600b83e4b7bf6b",
  "type": "ui_group",
  "name": "",
  "tab": "cdf5df09aa90392e",
  "order": 1,
  "disp": true,
  "width": "8",
  "collapse": false,
  "className": ""
},
{
  "id": "f67275fd8d214d17",
  "type": "ui_group",
  "name": "",
  "tab": "cdf5df09aa90392e",
  "order": 2,
  "disp": true,
  "width": 8,
  "collapse": false,
  "className": ""
},
{
  "id": "7e0a502b7f03c197",
  "type": "ibmiot in",
```



```
"z": "1a4aa9651b5c36b4",  
"authentication": "apiKey",  
"apiKey": "aa8d4a368e47438c",  
"inputType": "evt",  
"logicalInterface": "",  
"ruleId": "",  
"deviceId": "",  
"applicationId": "",  
"deviceType": "+",  
"eventType": "+",  
"commandType": "",  
"format": "json",  
"name": "IBM IoT",  
"service": "registered",  
"allDevices": "",  
"allApplications": "",  
"allDeviceTypes": true,  
"allLogicalInterfaces": "",  
"allEvents": true,  
"allCommands": "",  
"allFormats": "",  
"qos": 0,  
"x": 170,  
"y": 100,  
"wires": [
```

```
[
  "fabf0df3e3f559d3",
  "ae489438fb0552b0",
  "23eb324e729c889c",
  "2ce34a807bbaf2f7"
]
},
{
  "id": "6546e9371fd457d3",
  "type": "http in",
  "z": "1a4aa9651b5c36b4",
  "name": "",
  "url": "/sensor",
  "method": "get",
  "upload": false,
  "swaggerDoc": "",
  "x": 150,
  "y": 300,
  "wires": [
    [
      "5b6b322b117865fa"
    ]
  ]
},
```

```
{
  "id": "fabf0df3e3f559d3",
  "type": "debug",
  "z": "1a4aa9651b5c36b4",
  "name": "",
  "active": true,
  "tosidebar": true,
  "console": false,
  "tostatus": false,
  "complete": "payload",
  "targetType": "msg",
  "statusVal": "",
  "statusType": "auto",
  "x": 630,
  "y": 100,
  "wires": []
},
{
  "id": "40fbce9c38be6922",
  "type": "http response",
  "z": "1a4aa9651b5c36b4",
  "name": "",
  "statusCode": "",
  "headers": {},
  "x": 630,
```

```
"y": 280,
"wires": []
},
{
  "id": "ae489438fb0552b0",
  "type": "function",
  "z": "1a4aa9651b5c36b4",
  "name": "Bin level",
  "func": "msg.payload=msg.payload.binlevel\\nglobal.set('l',msg.payload)\\nreturn msg;",
  "outputs": 1,
  "noerr": 0,
  "initialize": "",
  "finalize": "",
  "libs": [],
  "x": 460,
  "y": 140,
  "wires": [
    [
      "e9d4038c2bce85d4"
    ]
  ]
},
{
  "id": "23eb324e729c889c",
  "type": "function",
```

```
"z": "1a4aa9651b5c36b4",  
  
"name": "Bin Weight",  
  
"func": "msg.payload=msg.payload.binweight\nglobal.set('w',msg.payload)\nreturn msg;",  
  
"outputs": 1,  
  
"noerr": 0,  
  
"initialize": "",  
  
"finalize": "",  
  
"libs": [],  
  
"x": 470,  
  
"y": 200,  
  
"wires": [  
  
  [  
  
    "2e836a45e710ed00"  
  
  ]  
  
]  
  
},  
  
{  
  
  "id": "e9d4038c2bce85d4",  
  
  "type": "ui_gauge",  
  
  "z": "1a4aa9651b5c36b4",  
  
  "name": "",  
  
  "group": "fe600b83e4b7bf6b",  
  
  "order": 1,  
  
  "width": "0",  
  
  "height": "0",
```

```
"gtype": "gage",
"title": "Bin level ",
"label": "cms",
"format": "{{value}}",
"min": "10",
"max": "100",
"colors": [
    "#00b500",
    "#e6e600",
    "#ca3838"
],
"seg1": "",
"seg2": "",
"className": "",
"x": 780,
"y": 140,
"wires": []
},
{
    "id": "2e836a45e710ed00",
    "type": "ui_gauge",
    "z": "1a4aa9651b5c36b4",
    "name": "",
    "group": "f67275fd8d214d17",
    "order": 1,
```

```
"width": "0",  
"height": "0",  
"gtype": "gage",  
"title": "Bin Weight",  
"label": "kg",  
"format": "{{value}}",  
"min": "50",  
"max": "1500",  
"colors": [  
    "#00b500",  
    "#e6e600",  
    "#ca3838"  
],  
"seg1": "",  
"seg2": "",  
"className": "",  
"x": 790,  
"y": 200,  
"wires": []  
},  
{  
    "id": "2ce34a807bbaf2f7",  
    "type": "cloudant out",  
    "z": "1a4aa9651b5c36b4",  
    "name": "",
```

```
"cloudant": "2a99f9ef87eb882e",
"database": "waste",
"service": "_ext_",
"payonly": false,
"operation": "insert",
"x": 390,
"y": 60,
"wires": []
},
{
  "id": "5b6b322b117865fa",
  "type": "function",
  "z": "1a4aa9651b5c36b4",
  "name": "function 1",
  "func": "msg.payload={\"binlevel\":global.get(\"l\"),\\n\\n\"binweight\":global.get(\"w\")\\n\\n}\\nreturn msg;",
  "outputs": 1,
  "noerr": 0,
  "initialize": "",
  "finalize": "",
  "libs": [],
  "x": 380,
  "y": 300,
  "wires": [
    [
      "40fbce9c38be6922"
```



```
    ]
  ]
},
{
  "id": "c4896492eab90c31",
  "type": "cloudant out",
  "z": "1a4aa9651b5c36b4",
  "name": "",
  "cloudant": "2a99f9ef87eb882e",
  "database": "data",
  "service": "_ext_",
  "payonly": false,
  "operation": "insert",
  "x": 670,
  "y": 420,
  "wires": []
},
{
  "id": "8164149f790aef6d",
  "type": "function",
  "z": "1a4aa9651b5c36b4",
  "name": "",
  "func": "\nreturn msg;",
  "outputs": 1,
  "noerr": 0,
```

```
"initialize": "",
"finalize": "",
"libs": [],
"x": 440,
"y": 360,
"wires": [
  [
    "c4896492eab90c31",
    "a161f18baa06adcf"
  ]
],
},
{
  "id": "a161f18baa06adcf",
  "type": "debug",
  "z": "1a4aa9651b5c36b4",
  "name": "",
  "active": true,
  "tosidebar": true,
  "console": false,
  "tostatus": false,
  "complete": "false",
  "statusVal": "",
  "statusType": "auto",
  "x": 710,
```

```
"y": 340,
"wires": []
},
{
  "id": "5d625bd1fb694052",
  "type": "ui_form",
  "z": "1a4aa9651b5c36b4",
  "name": "",
  "label": "",
  "group": "d49c7fd5daef1284",
  "order": 1,
  "width": 0,
  "height": 0,
  "options": [
    {
      "label": "E mail",
      "value": "E mail",
      "type": "email",
      "required": true,
      "rows": null
    },
    {
      "label": "Password",
      "value": "password",
      "type": "password",
```

```
        "required": false,
        "rows": null
    }
],
"formValue": {
    "E mail": "",
    "password": ""
},
"payload": "",
"submit": "submit",
"cancel": "",
"topic": "topic",
"topicType": "msg",
"splitLayout": "",
"className": "",
"x": 210,
"y": 380,
"wires": [
    [
        "8164149f790aef6d"
    ]
]
}
```