

Node-RED

Deploy

filter nodes

http response

http request

websocket in

websocket out

tcp in

tcp out

tcp request

udp in

udp out

input

ibmiot in

output

OpenWhisk

ibmiot out

sequence

Flow 2

Flow 1

Flow 3

Flow 4

IBM IoT

connected

msg.payload

function

function

[get] /sensor

httpNode

LightOn

LightOff

[get] /control

cmdfunc

debug

all nodes

all

11/12/2022, 4:06:38 PM node: 6f0025ac50cb037  
msg.payload : string(7)  
"lighton"  
11/12/2022, 4:06:38 PM node: 6f0025ac50cb037  
msg.payload : string(8)  
"lightoff"  
11/12/2022, 4:06:46 PM node: 2314a76929409659  
iot-2/type/B1-DeviceType/0/B1-DeviceType-IDevtData/mr/json :  
msg.payload : Object  
{ Temperature: 13.8,  
Humidity: 30.5 }  
11/12/2022, 4:06:47 PM node: 2314a76929409659  
iot-2/type/B1-DeviceType/0/B1-DeviceType-IDevtData/mr/json :  
msg.payload : Object  
{ Temperature: 13.8,  
Humidity: 30.5 }  
11/12/2022, 4:06:48 PM node: 2314a76929409659  
iot-2/type/B1-DeviceType/0/B1-DeviceType-IDevtData/mr/json :  
msg.payload : Object  
{ Temperature: 13.8,  
Humidity: 30.5 }

Control

Monitor

Humidity

0

30.5

80

LIGHTON

LIGHTOFF

Temperature

0

13.8

100