

# WEB APPLICATION USING NODE RED

The screenshot displays the Node-RED web interface in a browser. The browser's address bar shows the URL: `node-red-sswwy-2022-10-08.eu-de.mybluemix.net/red/#flow/a5f34a4957317d60`. The Node-RED interface has a dark header with the 'Node-RED' logo and a 'Deploy' button. The main workspace shows 'Flow 1' with a grid background. A flow is built with two nodes: a blue 'Test' node and a green 'msg.payload' node, connected by a curved line. The left sidebar, titled 'filter nodes', contains two sections: 'common' and 'function'. The 'common' section includes nodes like 'inject', 'debug', 'complete', 'catch', 'status', 'link in', 'link call', 'link out', and 'comment'. The 'function' section includes 'function' and 'switch' nodes. The right sidebar, titled 'debug', shows a log of messages. The messages are as follows:

Timestamp	Node ID	Message
11/5/2022, 3:02:28 PM	node: f2f2649a.0d0d98	msg.payload : string[15] "Hello Node-RED!"
11/5/2022, 3:02:38 PM	node: f2f2649a.0d0d98	msg.payload : string[15] "Hello Node-RED!"
11/5/2022, 3:02:48 PM	node: f2f2649a.0d0d98	msg.payload : string[15] "Hello Node-RED!"
11/5/2022, 3:02:58 PM	node: f2f2649a.0d0d98	msg.payload : string[15] "Hello Node-RED!"
11/5/2022, 3:03:08 PM	node: f2f2649a.0d0d98	msg.payload : string[15] "Hello Node-RED!"
11/5/2022, 3:03:18 PM	node: f2f2649a.0d0d98	msg.payload : string[15] "Hello Node-RED!"
11/5/2022, 3:03:28 PM	node: f2f2649a.0d0d98	msg.payload : string[15] "Hello Node-RED!"

The bottom of the image shows the Windows taskbar with the search bar, task icons, and system tray information including the date (05-11-2022) and time (15:03).

Application Details - IBM Cloud x Node-RED : node-red-sswwy-20 x Service Details - IBM Cloud x IBM Watson IoT Platform x +

node-red-sswwy-2022-10-08.eu-de.mybluemix.net/red/#flow/a5f34a4957317d60

### Node-RED

filter nodes

Flow 1

tcp in

tcp out

tcp request

udp in

udp out

input

ibmiot in

output

OpenWhisk

ibmiot out

sequence

split

IBM IoT

connected

msg.payload

debug

all nodes

all

```
iot-2/type/123/id/123_4/evt/eventtest/fmt/json :
msg.payload : Object
  {
    randomNumber: 17, temp: 33, hum:
      84
  }

11/5/2022, 3:31:22 PM node: f2f2649a.0d0d98
iot-2/type/123/id/123_2/evt/eventtest/fmt/json :
msg.payload : Object
  {
    randomNumber: 36, temp: 37, hum:
      85
  }

11/5/2022, 3:31:22 PM node: f2f2649a.0d0d98
iot-2/type/123/id/123_456/evt/eventtest/fmt/json :
msg.payload : Object
  {
    randomNumber: 33, temp: 43, hum:
      85
  }

11/5/2022, 3:31:22 PM node: f2f2649a.0d0d98
iot-2/type/123/id/123_3/evt/eventtest/fmt/json :
msg.payload : Object
  {
    randomNumber: 87, temp: 61, hum:
      97
  }

11/5/2022, 3:31:22 PM node: f2f2649a.0d0d98
iot-2/type/123/id/123_1/evt/eventtest/fmt/json :
msg.payload : Object
  {
    randomNumber: 66, temp: 44, hum:
      81
  }
```

Type here to search

28°C Cloudy 15:31 05-11-2022 ENG

