

## MAKE OUTPUT IN NODE-RED

Sprint\_10

Team ID : PNT2022TMID29941

IBM ID : IBM-Project-31889-1660205917

Make Sure that Device Simulator is running

The screenshot shows the IBM Watson IoT Platform interface. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. A sidebar on the left contains icons for various functions. The main content area displays a table of devices. The first device, 'mainproject', is highlighted and its details are shown in a modal window. The details include:

- Device ID:** mainproject
- Device Type:** sprint004
- Date Added:** Nov 13, 2022 1:37 PM
- Added By:** kiruthikas028.ece@dgct.ac.in
- Connection Status:** Connected
- Connection Time:** Nov 15, 2022 6:49 PM
- Client Address:** 185.178.200.130 Insecure

Below the modal, a table lists other devices:

Device ID	Connection Status	Device Type	Device	Last Seen
pythonbuldcode	Disconnected	pythonbuldcode	Device	Nov 13, 2022 3:14 PM
sprint03	Disconnected	sprint003	Device	Nov 13, 2022 12:38 PM

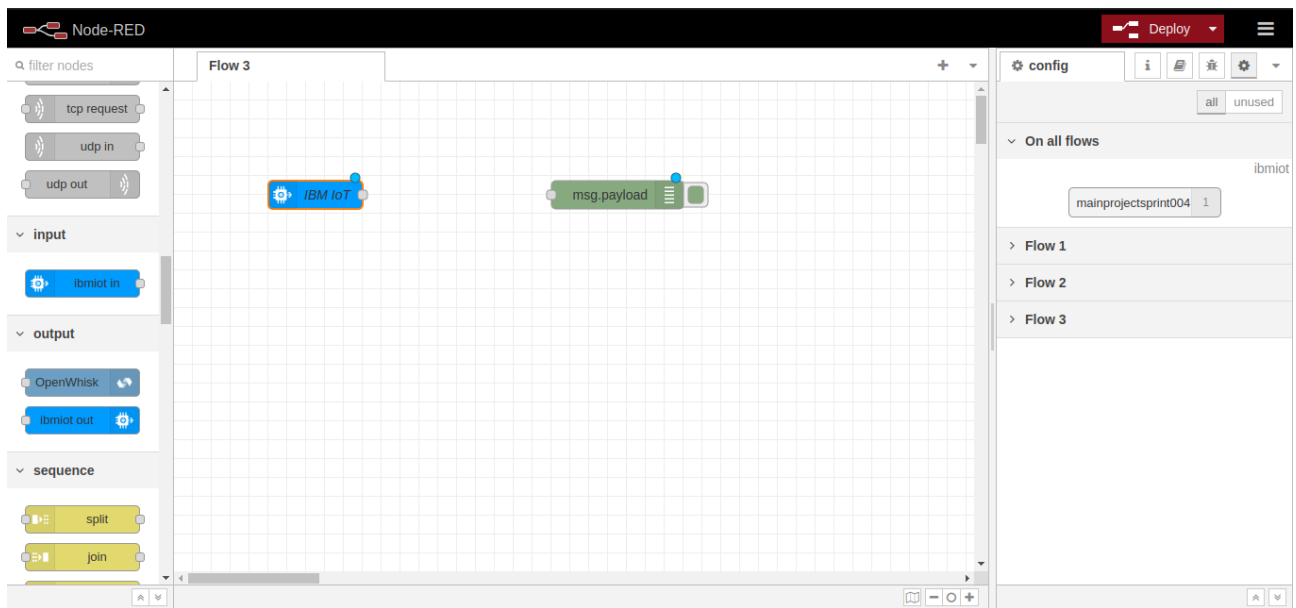
The bottom of the modal shows 'Items per page 50' and '1-5 of 5 items'.

In the recent events Your output well excuted;

The screenshot shows the IBM Watson IoT Platform interface, specifically the 'Recent Events' tab for the 'mainproject' device. The events are listed in a table:

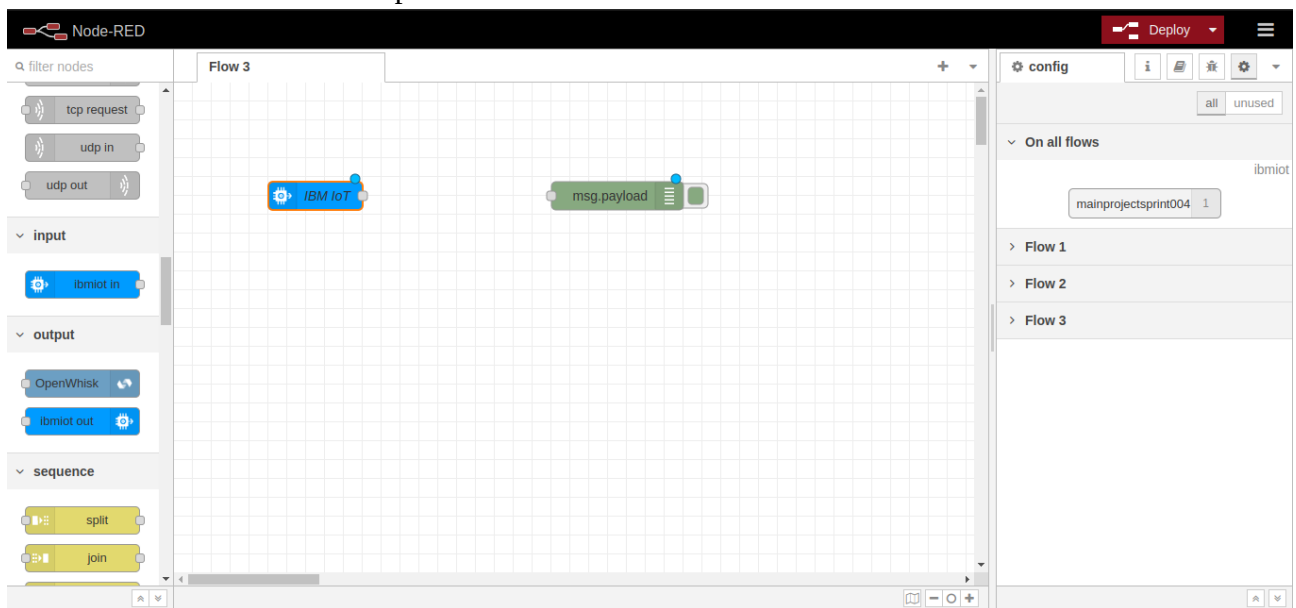
Event	Value	Format	Last Received
Data	{"flamelevel":3,"msg":"chill"}	json	a few seconds ago
Data	{"flamelevel":3,"msg":"chill"}	json	a few seconds ago
Data	{"flamelevel":3,"msg":"chill"}	json	a few seconds ago
Data	{"flamelevel":3,"msg":"chill"}	json	a few seconds ago
Data	{"flamelevel":3,"msg":"chill"}	json	a few seconds ago

Below the table, a message states: 'The recent events listed show the live stream of data that is coming and going from this device.'



sprint004 Based on the devices id and types are noted to connect node red

Add few funtion box in flow space:

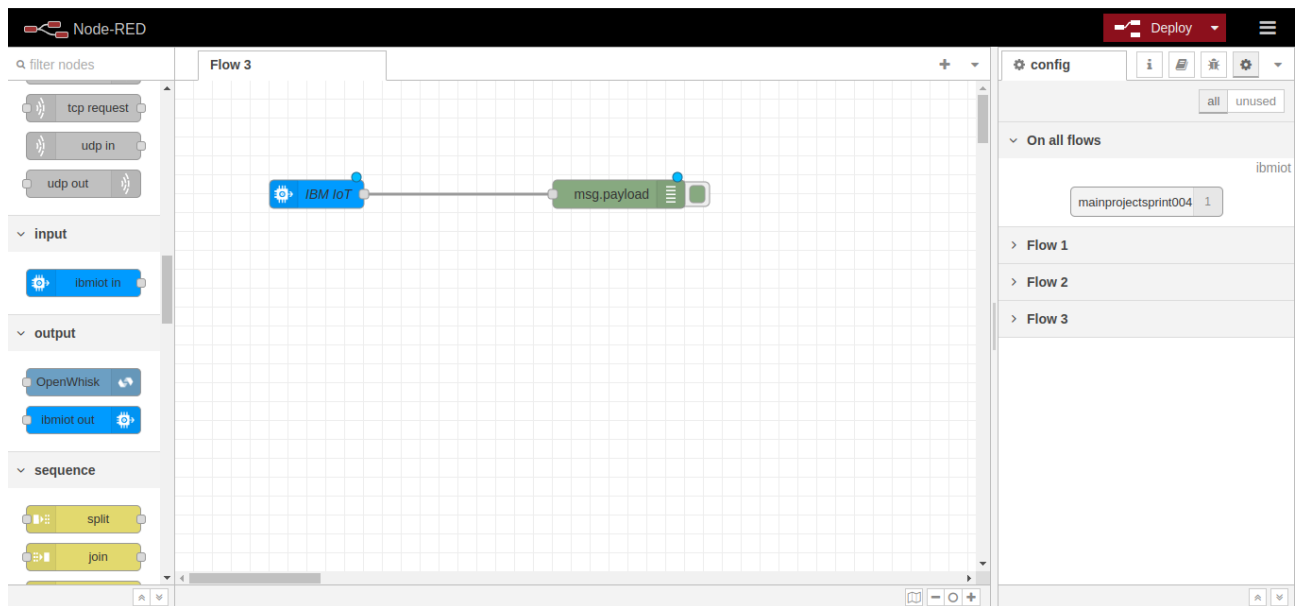


## Device ID

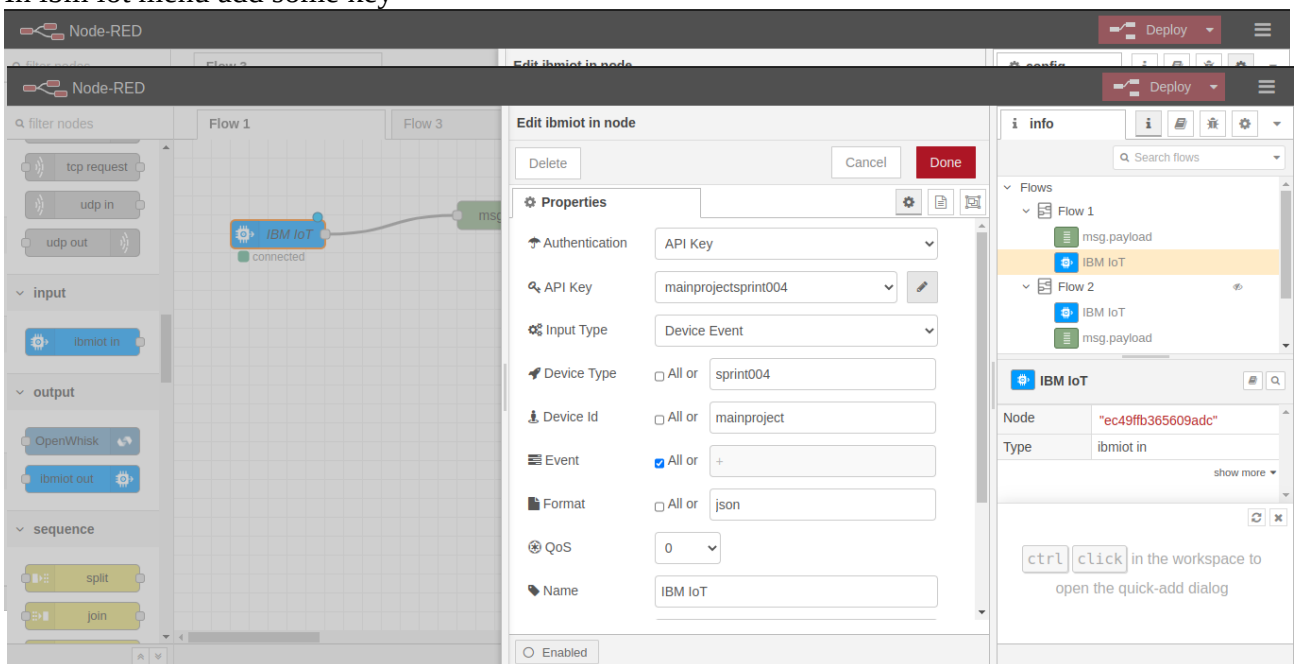
mainproject

## Device Type

connect the both function in one line



In ibm iot menu add some key



**Device ID;**  
**mainproject**  
**Device Type;**  
**sprint004**  
**API-KEY;**

## Click DEPLOY

The image shows the Node-RED web interface. The top bar includes the Node-RED logo and a 'Deploy' button. The left sidebar contains a 'filter nodes' search bar and a list of nodes categorized by input, output, and sequence. The main workspace displays 'Flow 1' with a single connection from an 'IBM IoT' node (labeled 'connected') to a 'msg.payload' node. The right sidebar shows the 'info' panel with a search bar and a list of flows. The selected flow is 'Flow 1', which contains the 'msg.payload' and 'IBM IoT' nodes. Below the flow list, the 'IBM IoT' node details are shown, including its ID 'ec49ffb365609adc' and type 'ibmiot in'. At the bottom of the interface, a status bar displays the URL '159.122.186.38:32392/red/#'.

Node-RED

Deploy

filter nodes

Flow 1

Flow 3

tcp request

udp in

udp out

input

ibmiot in

output

OpenWhisk

ibmiot out

sequence

split

join

159.122.186.38:32392/red/#

info

Search flows

Flows

Flow 1

msg.payload

IBM IoT

Flow 2

IBM IoT

msg.payload

IBM IoT

Node

"ec49ffb365609adc"

Type

ibmiot in

show more

Export the selected nodes, or the current tab with `ctrl-e`