

# SPRINT 3-REPORT

Team ID

PNT2022TMID14625

## Creating Node Red Service



Nodeand online services in new and interesting ways.wiring together hardware devices, APIs

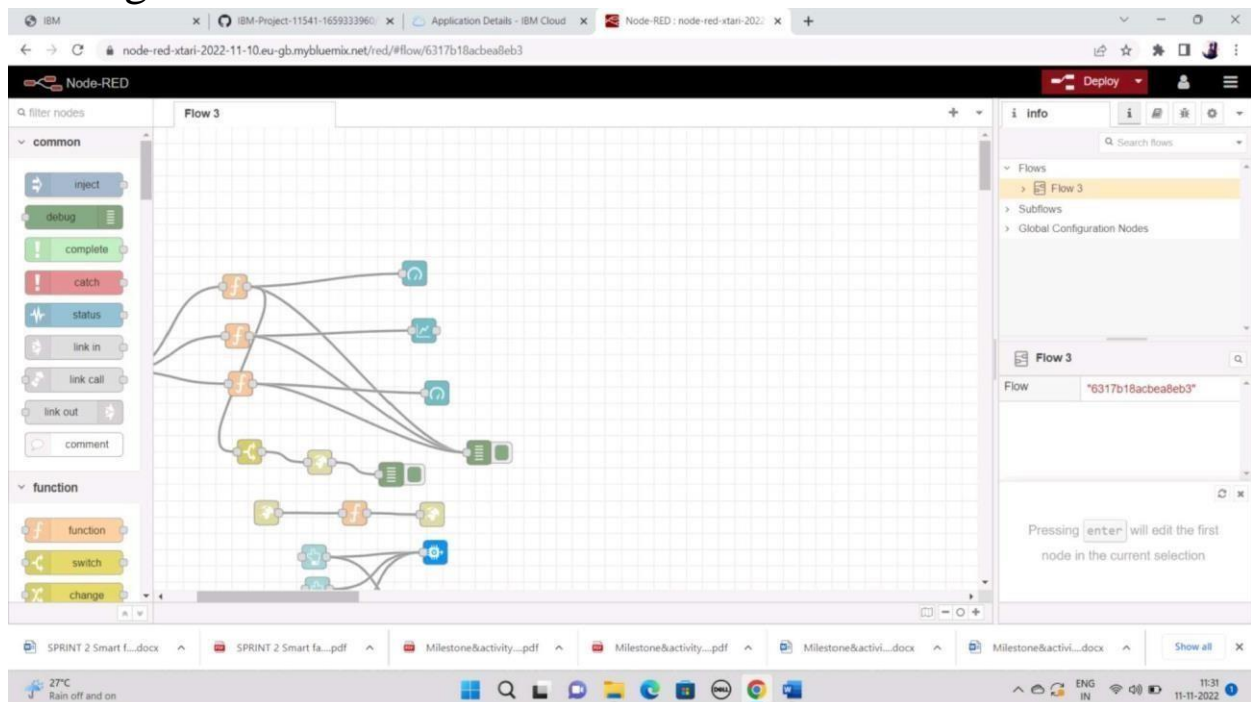
Go to your Node-RED flow editor

RED is a programming tool for

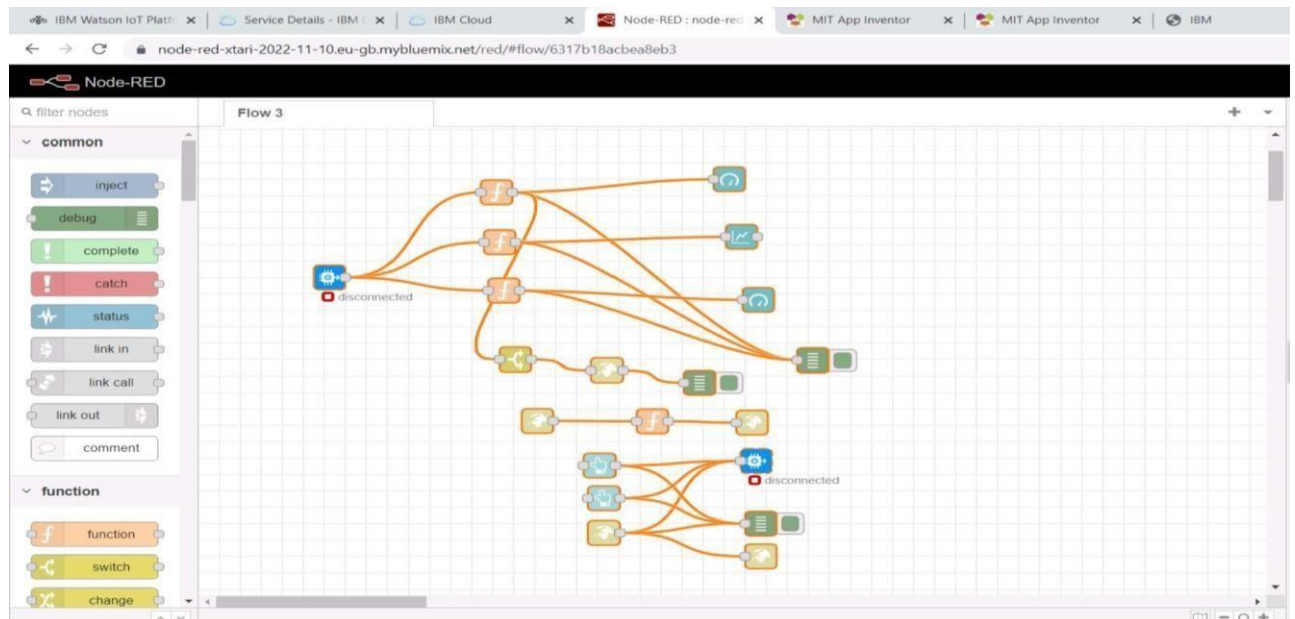
This instance is running as an IBM Cloud application, giving it access to the wide range of services available on the platform. [Learn how to customise Node-RED](#) More information about Node-RED, including documentation, can be found at

[nodered.org](https://nodered.org).

## Creating a Flow



## Creating the Project Flow



## Configuring the Node with the Credentials

The screenshot shows the Node-RED web interface with the 'ibmiot' node configuration panel open. The configuration panel is titled 'Edit ibmiot in node' and contains the following fields:

- API Key:** latest
- Input Type:** event type e.g. status
- Device Type:** All or 12345
- Device Id:** event type e.g. status
- Event:** 0
- Format:** IBM 10T
- @ oosName:** registered
- Service:** 0
- Enabled:** 0

The configuration panel also includes a 'Cancel' button and a 'Done' button. The 'Done' button is highlighted in red. The configuration panel is also titled 'Edit ibmiot in node'.

The bottom of the screenshot shows the Node-RED web interface with the 'ibmiot' node configuration panel open. The configuration panel is titled 'Edit ibmiot in node' and contains the following fields:

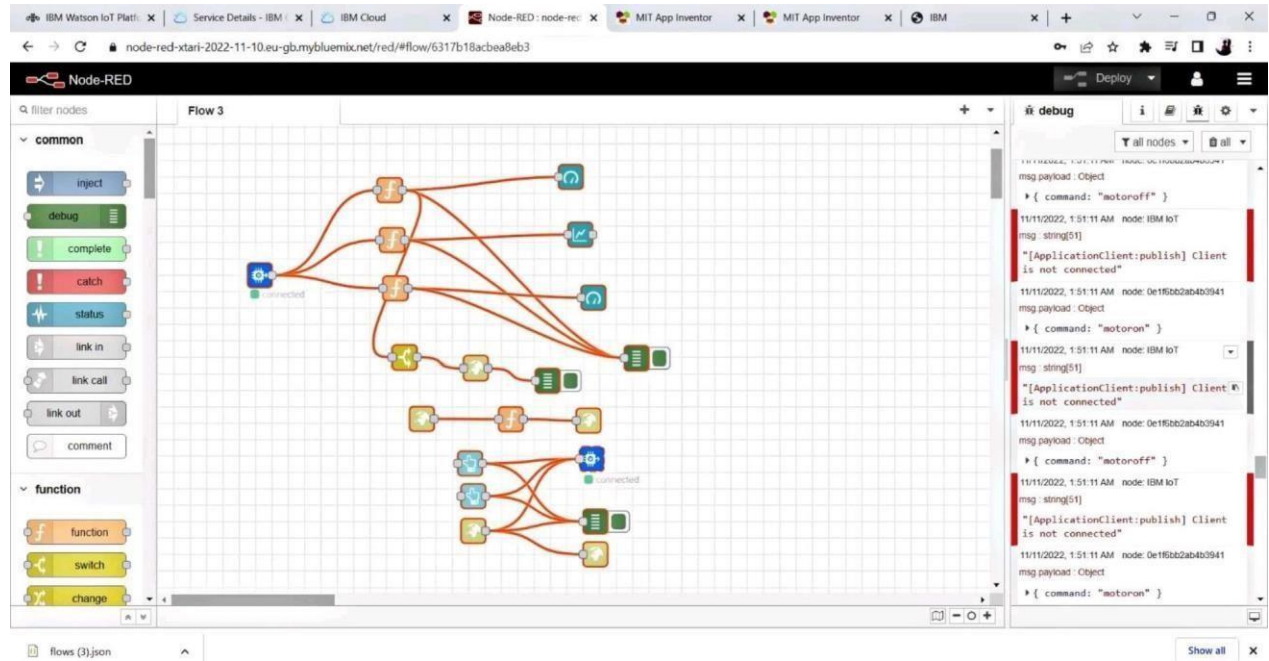
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<https://node-red-xtari-2022-11-10.eu-gb.mybluemix.net/red/#flow/6317b18acbea8eb3>

..dock

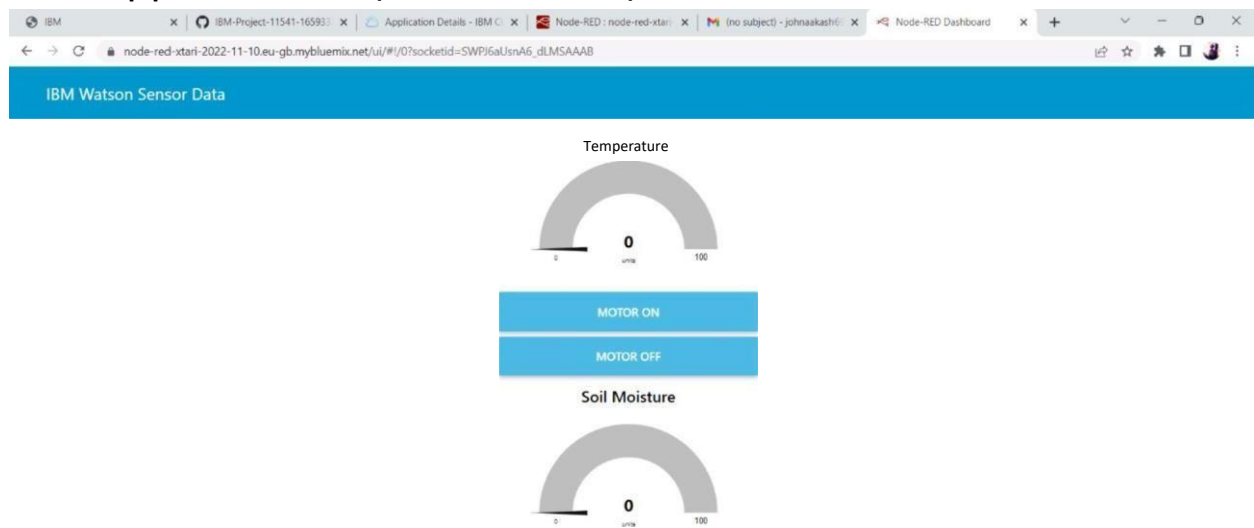
## Connected to the Watson Platform



## Receiving the data from the Watson Platform and MIT App Inventor



## Web Application UI (for reference)



## MIT App as Input and Node Red as Output

MOTOR ON	MOTOR OFF
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## User Interface Displaying the Random Data

