

Real-Time River Water Quality Monitoring and Control Systems

- **Create Node-RED Service**
- **To create a web application creates a Node-RED service.**

Date	29/10/2022
Team ID	PNT2022TMID17403
Project Name	Real-Time Water Quality Monitoring And Control System

Node-Red LOGIN:

The screenshot shows the IBM Cloud console interface. At the top, there's a navigation bar with the IBM Cloud logo and a search bar. Below this, the 'Resource list' page is displayed. The page has a sidebar with icons for various resource types. The main content area shows a table of resources. The table has columns for Name, Group, Location, Product, and Status. One resource is listed under the 'Compute' category: 'Node RED SLPVG 2022-10-08' with group '2004207ec / doc', location 'London', product 'Node.js', and status 'Started'.

Name	Group	Location	Product	Status
^ Compute (1)				
Node RED SLPVG 2022-10-08	2004207ec / doc	London	Node.js	Started
v Containers (0)				
v Network (0)				

Node-Red on IBM Cloud:

The screenshot shows the Node-RED on IBM Cloud landing page. The page has a dark red header with the text "Node-RED on IBM Cloud". Below the header is a large red banner with the text "Node-RED" and "Flow-based programming for the Internet of Things". The main content area is light gray and contains three paragraphs of text, a button, and a link.

Node-RED is a programming tool for wiring together hardware devices, APIs and online services in new and interesting ways.

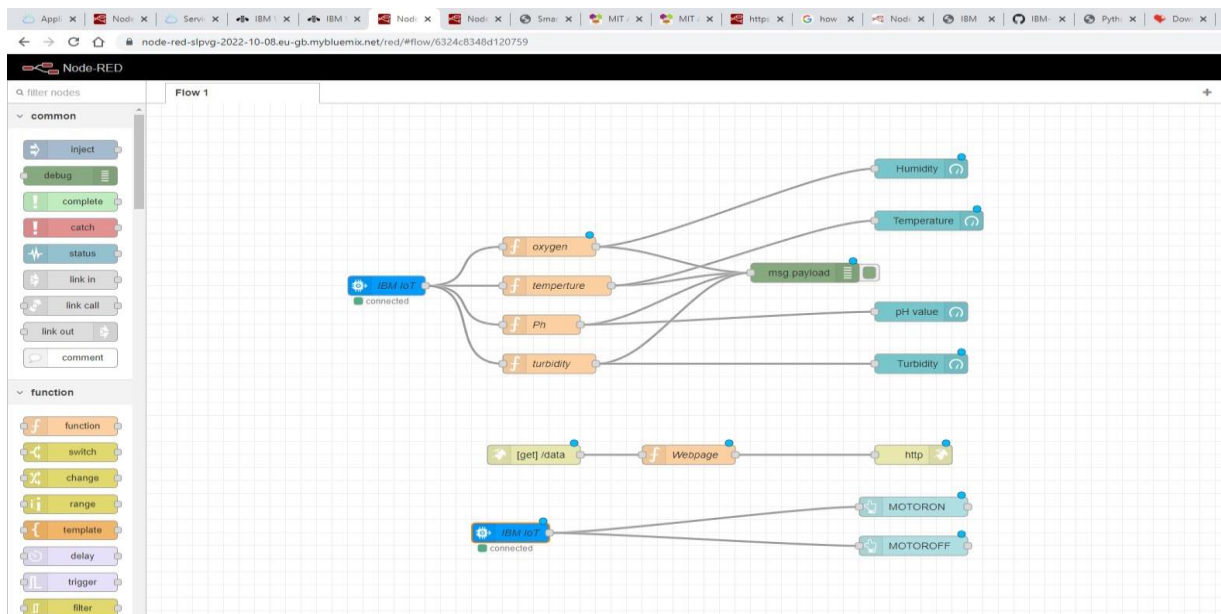
This instance is running as an IBM Cloud application, giving it access to the wide range of services available on the platform.

More information about Node-RED, including documentation, can be found at nodered.org.

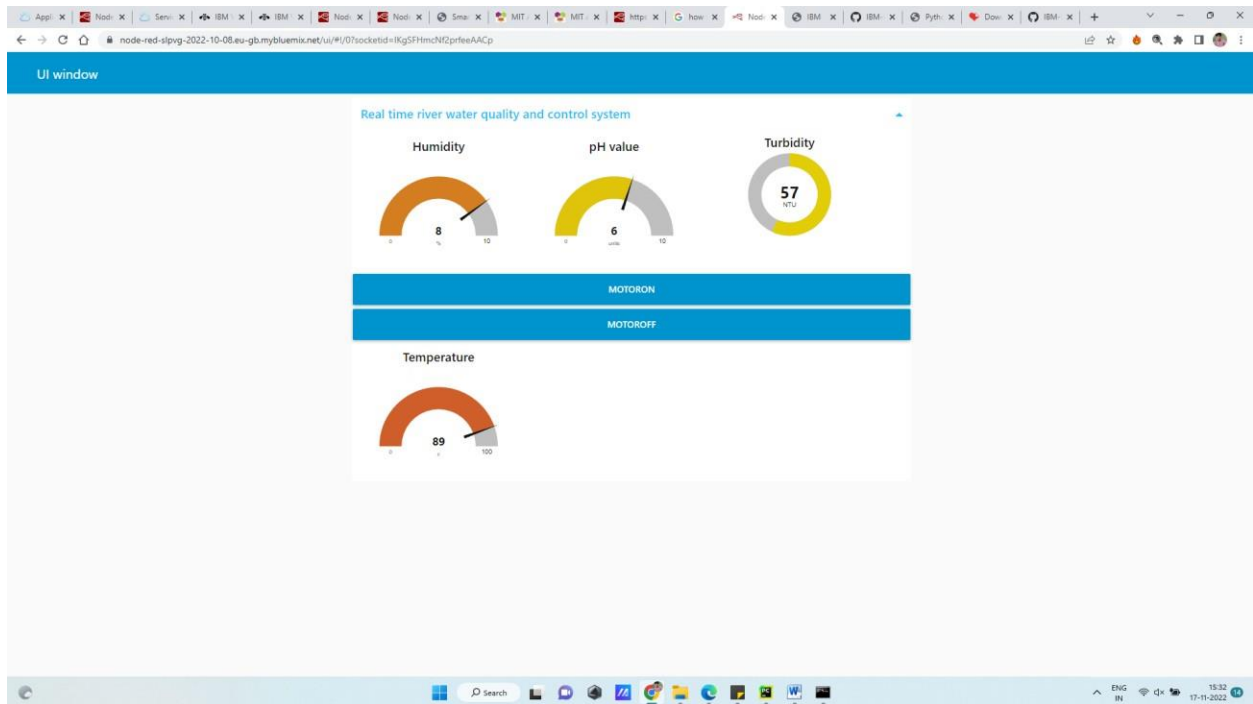
[Go to your Node-RED flow editor](#)

[Learn how to customise Node-RED](#)

Create Node-Red design:



Get Node-Red HTTP output:



Get Node-Red HTTP DATA output:

The screenshot shows a web browser window with a Node-Red interface. The browser's address bar shows the URL: `node-red-slpvg-2022-10-08.eu-gb.mybluemix.net/data`. The main content area displays the JSON output: `{"oxygen":8,"turbidity":57}`.