

## TSK-186284 Develop the web application using Node-Red

The screenshot displays the Node-RED web interface in a browser. The top navigation bar includes tabs for 'Node-RED: node-red-czvt', 'Node-RED Dashboard', 'IBM-Project-1603-165840', 'IBM Watson IoT Platform', 'MIT App Inventor', and 'IBM Cloud'. The address bar shows the URL: `node-red-czvt-2022-11-07.au-syd.mybluemix.net/red/#flow/607a4d44ba15a748`.

The main workspace is titled 'Node-RED' and shows two flows: 'Flow 3' and 'Flow 4'. The left sidebar contains a 'dashboard' panel with various widgets like button, dropdown, switch, slider, numeric, text input, date picker, colour picker, form, text, gauge, chart, audio out, and notification. The central workspace shows a flow diagram for 'Flow 4' with the following components and connections:

- An **IBM IoT** node (connected) feeds into three function nodes: **temperature**, **pH**, and **humidity**.
- Each of these function nodes connects to a corresponding **msg.payload** node (temperature, pH, humidity).
- A **switch** node is connected to an **http request** node, which then connects to a **msg.payload** node.
- A **[get] /data** node connects to a **data** function node, which then connects to an **http** node.
- An **Appear** node connects to an **IBM IoT** node (connected).
- A **Disappear** node connects to a **msg.payload** node.
- A **[get] /command** node connects to an **http** node.

The right sidebar shows a 'debug' panel with a list of nodes and their status. The bottom of the screen shows a Windows taskbar with various application icons and a system clock indicating 3:32 PM on 11/18/2022.