

TEAM ID : PNT2022TMID40129

PROJECT NAME : Personal Assistance for seniors who are self-reliant.

## Node –red Service

### Step 1

The screenshot displays the IBM Cloud Developer console interface. The main heading is "Node RED WUYDX 2022-11-10". Below this, there are two tabs: "Select the deployment target" (active) and "Configure the DevOps toolchain". The "Deployment Automation" section explains that after selecting a target and configuring the toolchain, clicking "Create" will start the deployment process. The "Deployment target" section lists four options: Kubernetes Service, Red Hat OpenShift, Cloud Foundry (which is selected and marked with a checkmark), and Code Engine. Each option includes a brief description of its capabilities. On the right sidebar, the "Getting started with apps" section outlines "Step 1. Select the deployment target", explaining that Cloud Foundry is a PaaS that ensures fast, easy, and reliable deployment of cloud-native apps. It also mentions that Cloud Foundry has a Lite plan for testing purposes. Below this, a "Before you begin" section notes that if the account doesn't have a Cloud Foundry org, it must be created. The "Steps" section lists the first step: "Select the number of instances, memory allocation, region, org, and space." A notification banner at the bottom states "IBM Cloud Foundry Public is deprecated." with a "Learn more" link. The bottom of the screen shows the Windows taskbar with various application icons and the system clock indicating 2:28 PM on 11/10/2022.

## Step 2

The screenshot displays the IBM Cloud Developer console interface. The browser address bar shows the URL: `cloud.ibm.com/developer/appservice/apps/37e7405-25cf-4c96-9a87-e72ddc5bd3b2`. The page title is "Node RED WUYDX 2022-11-10".

**Details Panel:**

- App URL: You must deploy your app first
- Source: Download code (button)
- Resource group: Default
- Deployment target: You must deploy your app first
- Created: 11/10/2022

**Services Panel:**

- Cloudant service is listed with links for Open dashboard, Documentation, and API reference.
- Buttons: Connect existing services (+), Create service (+)

**Deployment Automation Panel:**

- Name: NodeREDWUYDX2022-11-10
- Location: Dallas
- Tool integrations: (Icons for GitHub, Docker, etc.)
- Delivery Pipelines:
  - ci-pipeline: No stages detected
  - pr-pipeline: No stages detected

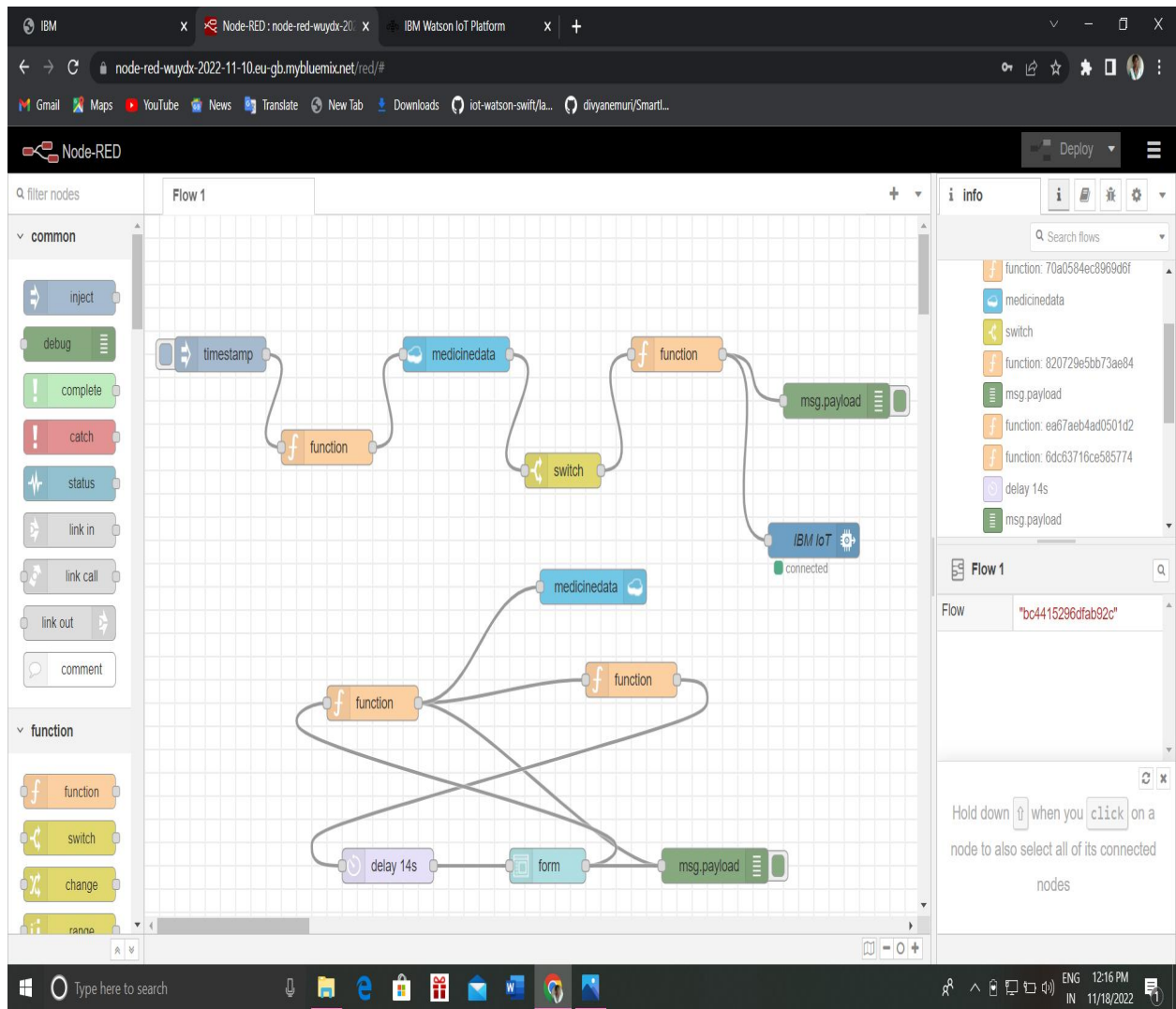
**Getting started quickly Panel:**

- Configuring your app**
- To connect services and DevOps toolchains to your app:
- 1. Use the **Services** card to connect a service to your app. Select an existing service instance, or create a new one. [Learn more.](#)
- 2. If you want to view the code before your app is deployed, click **Download code** to obtain the .zip file.
- 3. Click **Deploy your app** in the **Deployment Automation** card to select the deployment target and configure the Continuous Delivery service. The deployment begins automatically.
- 4. After the deployment begins, you can view the status of the deployment, modify your app, view your repo, or view the app's URL.

**ASK A QUESTION** (button)

The Windows taskbar at the bottom shows the search bar, task view, and various application icons. The system tray indicates the time is 2:40 PM on 11/10/2022.

### Step 3



## Step 4

The screenshot displays the Node-RED web interface in a browser. The main workspace shows a flow with a 'timestamp' node connected to a 'function' node. The 'Edit function node' panel is open, showing the following JavaScript code:

```
1 var d= new Date();
2 var utc=d.getTime()+(d.getTimezoneOffset()*60000);
3 var offset=5.5;
4 newDate=new Date(utc+(3600000*offset));
5 var n=newDate.toISOString()
6 var date=n.slice(0,10)
7 var time=n.slice(11,16)
8 global.set('time',time)
9 return msg;
```

The right sidebar shows the 'info' panel with a search bar and a list of flows. The selected flow is 'Flow 1', which contains several nodes: 'timestamp', 'function: 70a0584ec8969d6f', 'medicinedata', 'switch', 'function: 820729e5bb73ae84', and 'msg.payload'. The 'function: 70a0584ec8969d6f' node is selected, and its details are shown in the 'info' panel, including the node type 'function' and the same JavaScript code as in the 'Edit function node' panel.