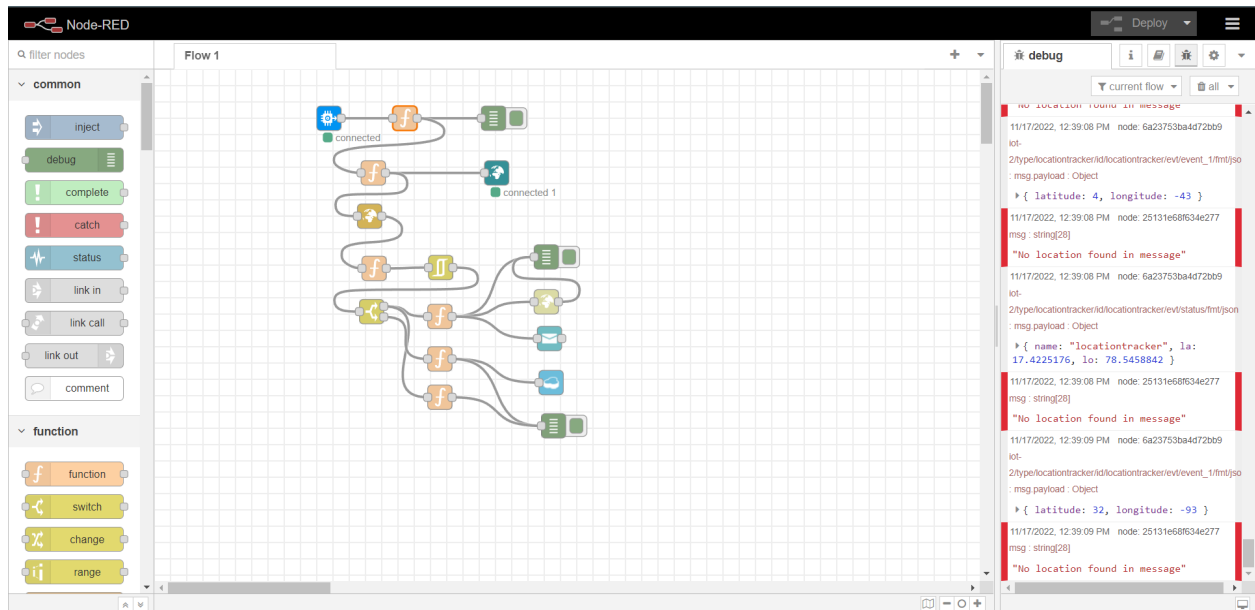


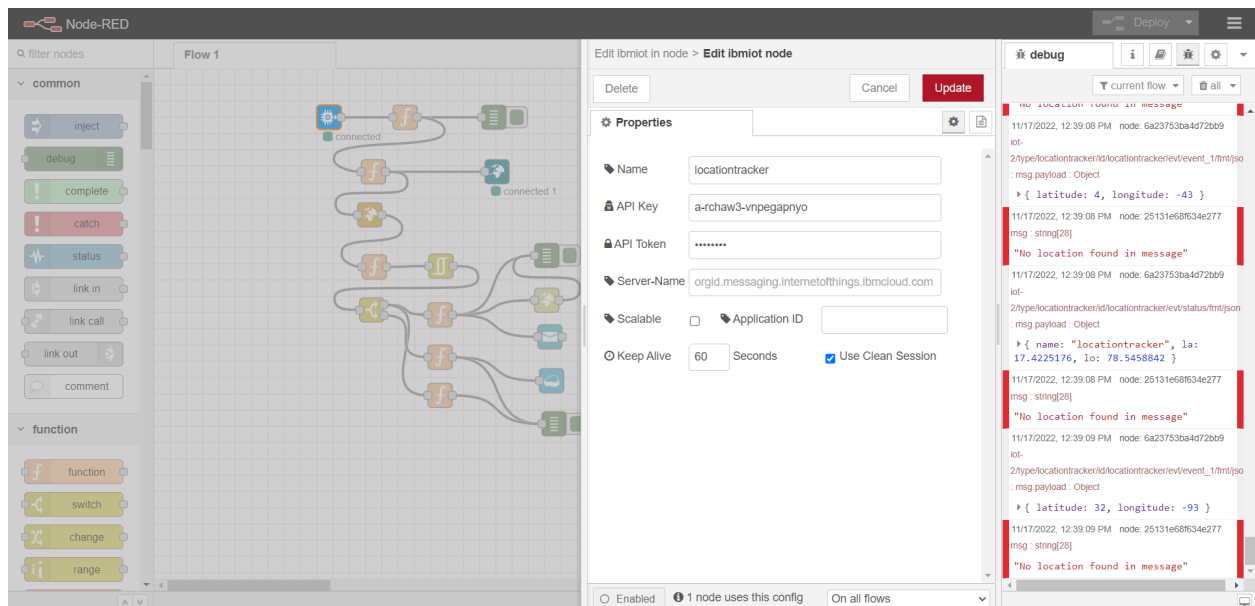
NODE RED FLOW:-

Geofence,World Map,Cloudant nodes are used in the node-red.



Connect the Watson IoT platform with Node-red:-

In order to connect the Watson IoT with node-red, the device credentials are given to the Input node(IBM IoT).



Node-RED interface showing a flow with a function node. The function node is being edited, displaying the following code:

```
1 var name = msg.payload.name
2 var la = msg.payload.la
3 var lo = msg.payload.lo
4 global.set('latitude',la)
5 global.set('longitude',lo)
6 global.set('name',name)
7 return msg;
```

The debug console shows the following output:

```
11/17/2022, 12:39:08 PM node: 6a23753ba4d72bb9
2/type/locationtracker/locationtracker/evl/event_1/fmt/json
: msg.payload: Object
> { latitude: 4, longitude: -43 }
11/17/2022, 12:39:08 PM node: 25131e68634e277
msg: string(28)
"No location found in message"
11/17/2022, 12:39:08 PM node: 6a23753ba4d72bb9
2/type/locationtracker/locationtracker/evl/status/fmt/json
: msg.payload: Object
> { name: "locationtracker", la:
17.4225176, lo: 78.5458842 }
11/17/2022, 12:39:08 PM node: 25131e68634e277
msg: string(28)
"No location found in message"
11/17/2022, 12:39:09 PM node: 6a23753ba4d72bb9
2/type/locationtracker/locationtracker/evl/event_1/fmt/json
: msg.payload: Object
> { latitude: 32, longitude: -93 }
11/17/2022, 12:39:09 PM node: 25131e68634e277
msg: string(28)
"No location found in message"
```

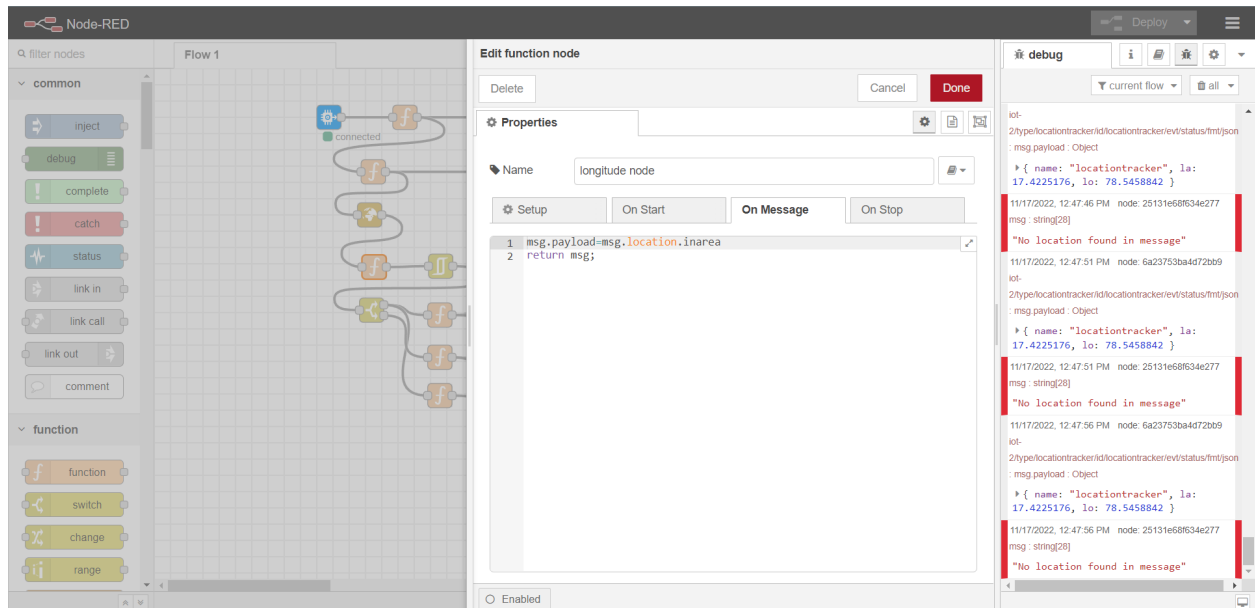
Node-RED interface showing a flow with a debug node. The debug node is being edited, displaying the following configuration:

- Output: msg.payload
- To: ☒ debug window, ☐ system console, ☐ node status (32 characters)
- Name: Name

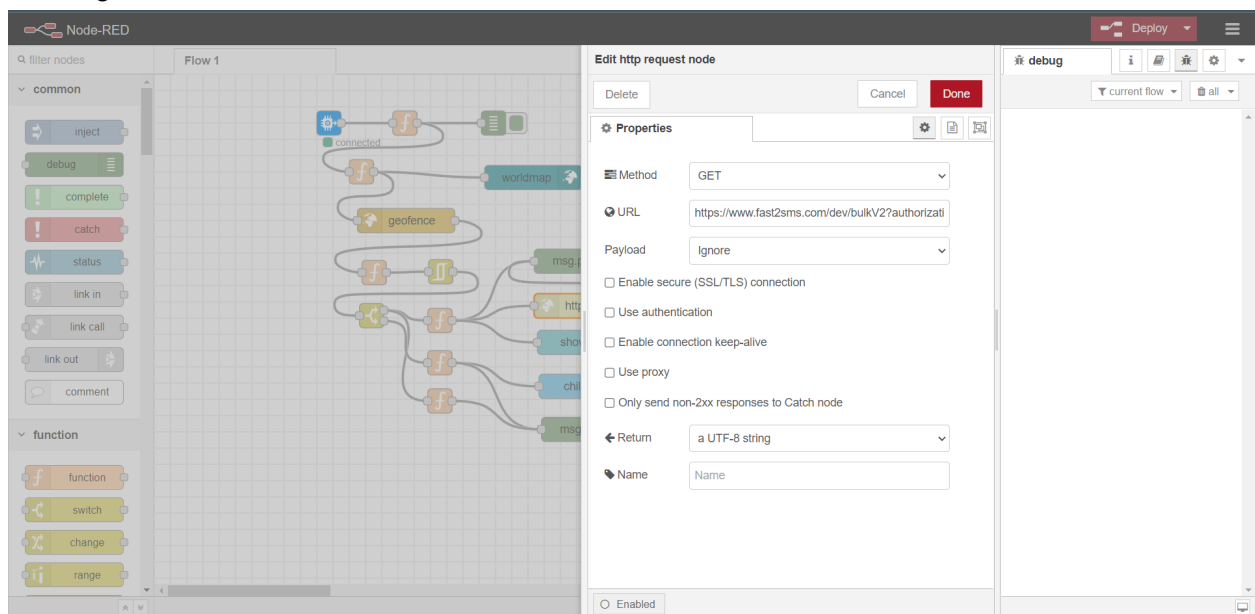
The debug console shows the following output:

```
11/17/2022, 12:39:08 PM node: 6a23753ba4d72bb9
2/type/locationtracker/locationtracker/evl/event_1/fmt/json
: msg.payload: Object
> { latitude: 4, longitude: -43 }
11/17/2022, 12:39:08 PM node: 25131e68634e277
msg: string(28)
"No location found in message"
11/17/2022, 12:39:08 PM node: 6a23753ba4d72bb9
2/type/locationtracker/locationtracker/evl/status/fmt/json
: msg.payload: Object
> { name: "locationtracker", la:
17.4225176, lo: 78.5458842 }
11/17/2022, 12:39:08 PM node: 25131e68634e277
msg: string(28)
"No location found in message"
11/17/2022, 12:39:09 PM node: 6a23753ba4d72bb9
2/type/locationtracker/locationtracker/evl/event_1/fmt/json
: msg.payload: Object
> { latitude: 32, longitude: -93 }
11/17/2022, 12:39:09 PM node: 25131e68634e277
msg: string(28)
"No location found in message"
```

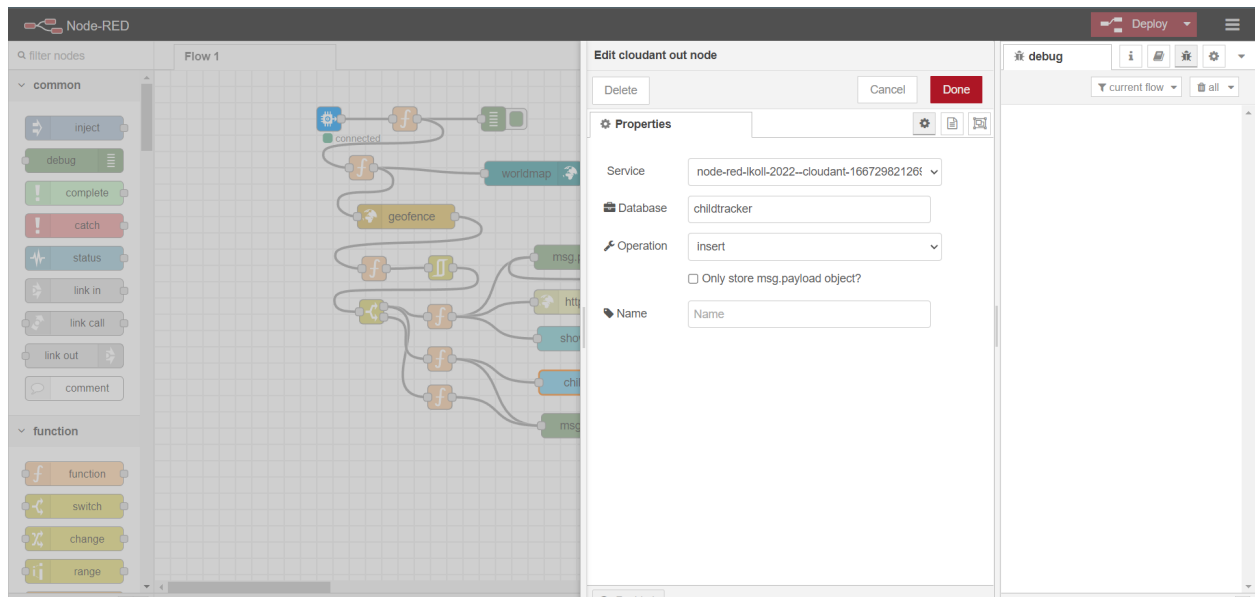
Geofence node:



Sending SMS node:-



Cloudant node:-



Use Interface:-

