Project Development

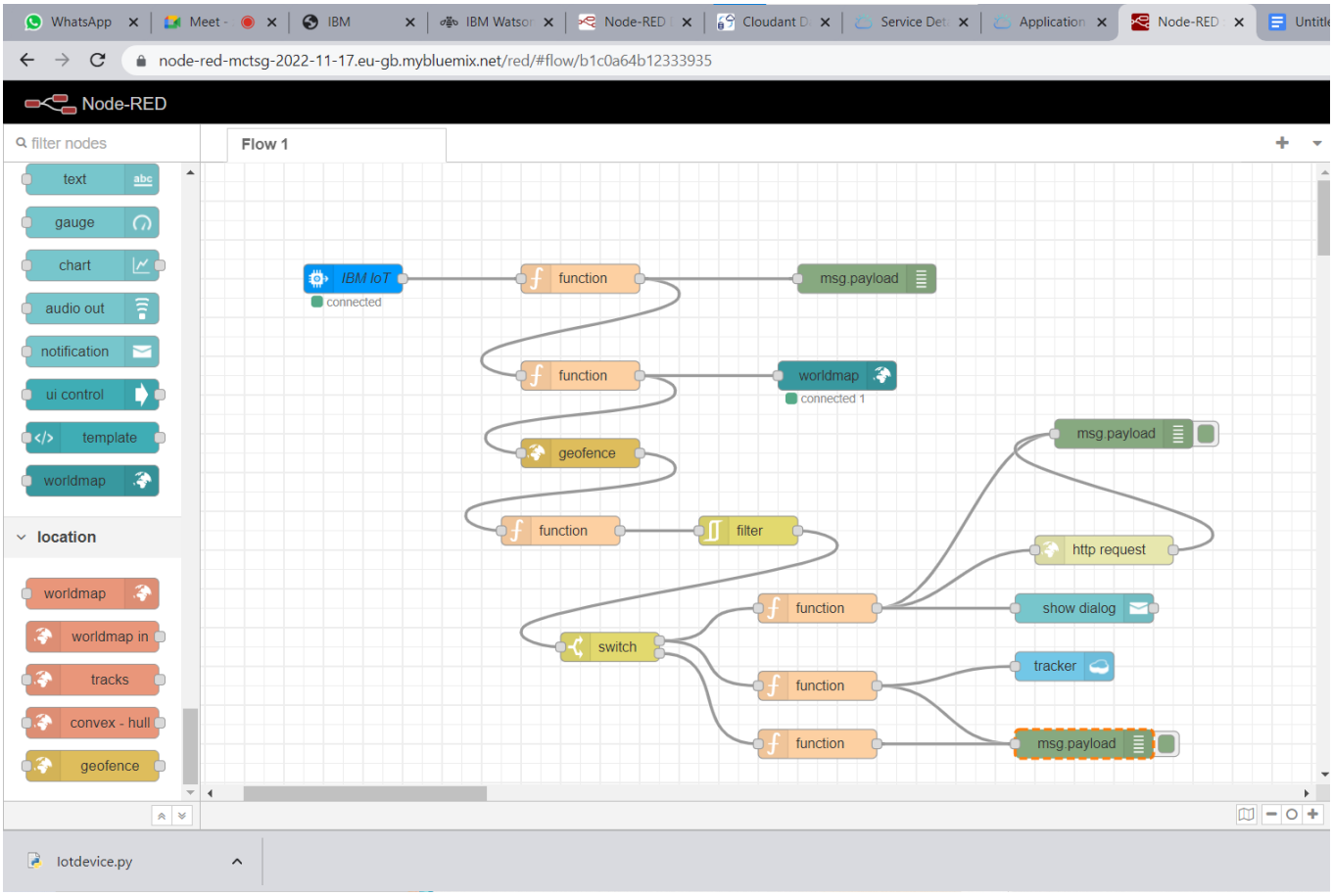
Date	07 November 2022
Team ID	PNT2022TMID21372
Project Name	Iot Based Safety Gadget For Child Safety Monitoring & Notification
Sprint No	Sprint 3

Creating Node-Red Service and connecting with IBM cloud Creating

Node-Red Service :

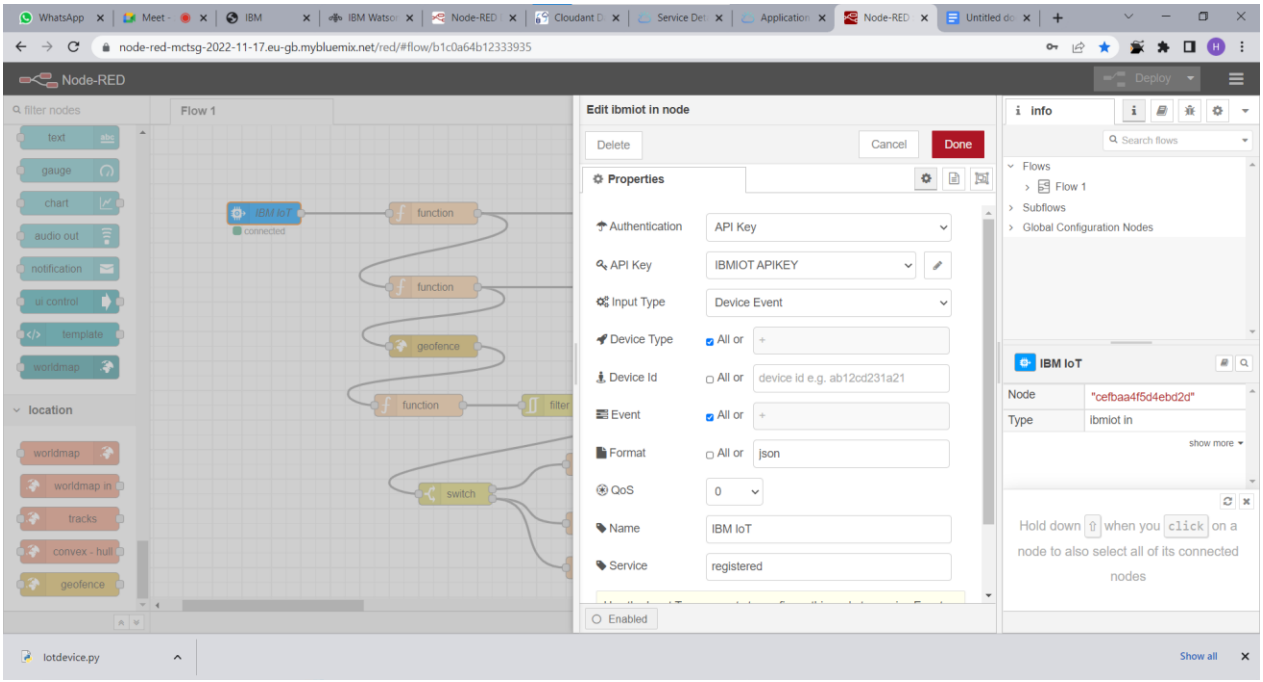
Nodes Used in the project:

1. IBM IOT
2. Function
3. Msg.payload
4. Switch
5. Filter
6. Geofence
7. Show dialog
8. Tracker-Cloudant db
9. http request

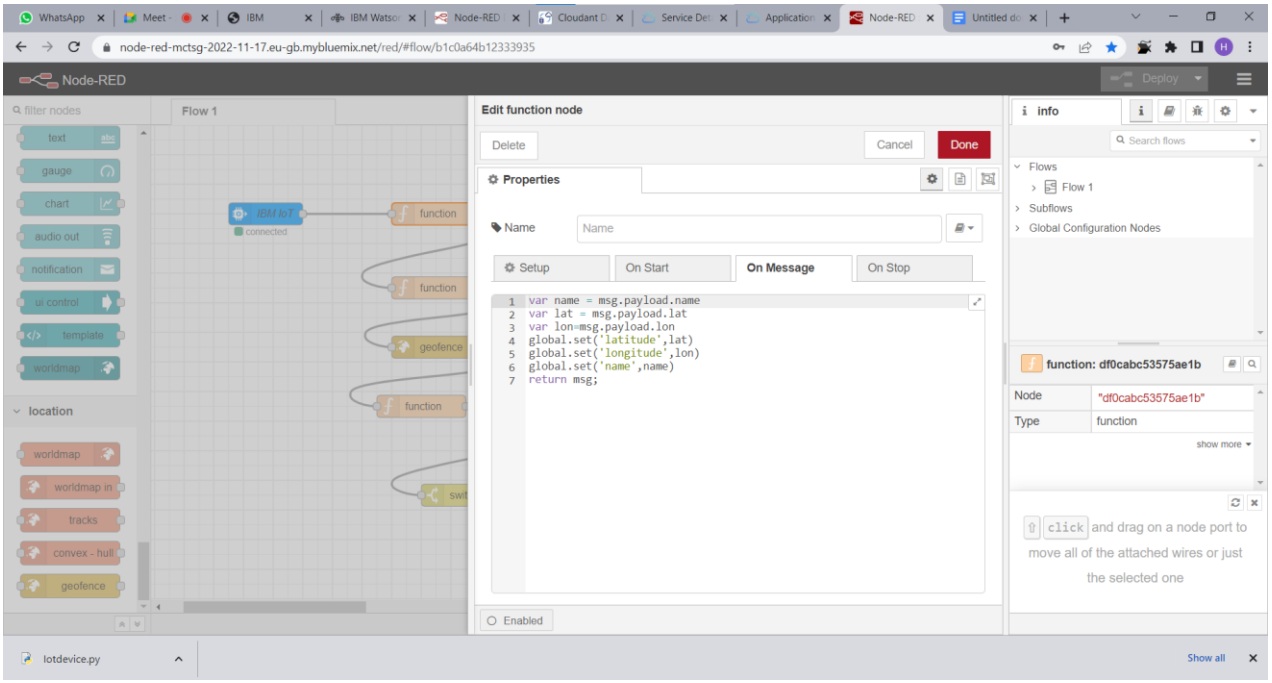

WhatsApp
Meet -
IBM
IBM Watson
Node-RED
Cloudant D
Service Det
Application
Node-RED
node-red-mctsg-2022-11-17.eu-gb.mybluemix.net/red/#flow/b1c0a64b12333935
Node-RED
filter nodes
Flow 1
text
gauge
chart
audio out
notification
ui control
template
worldmap
location
worldmap
worldmap in
tracks
convex - hull
geofence
IBM IoT
connected
function
msg.payload
function
worldmap
connected 1
geofence
function
filter
msg.payload
http request
function
show dialog
switch
tracker
function
function
msg.payload
Iotdevice.py

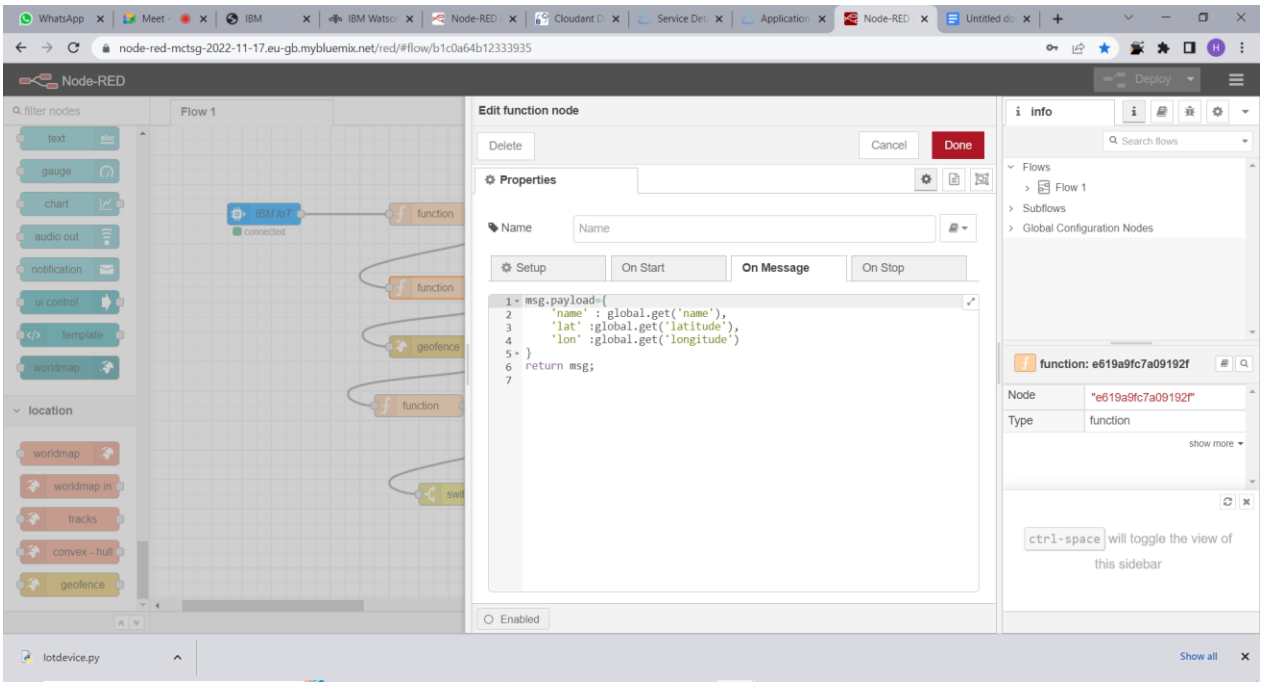
Codes in Each Node :

IBM Iot:

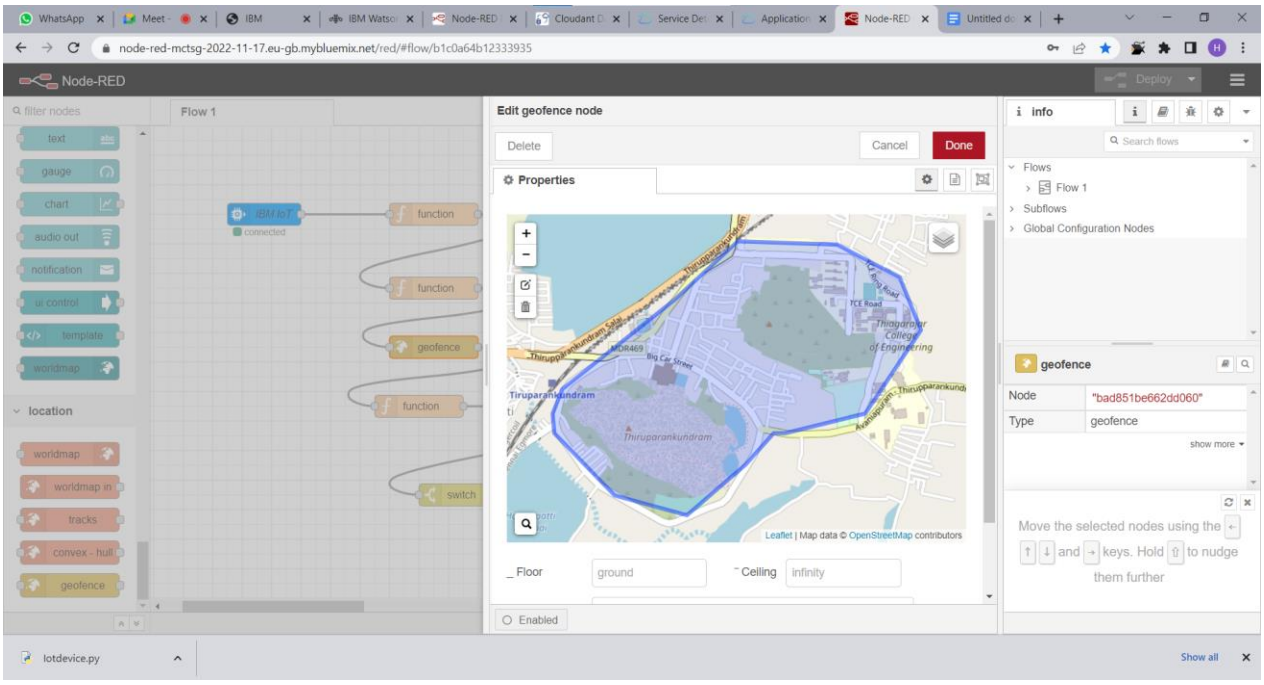


Function node:

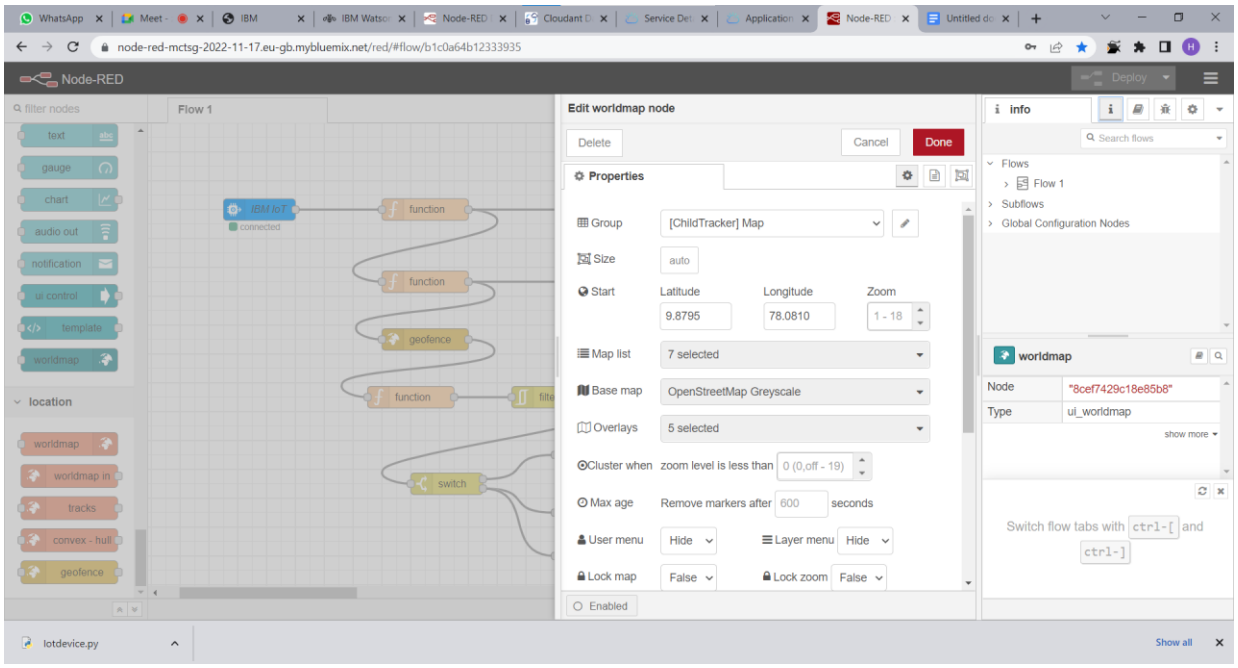




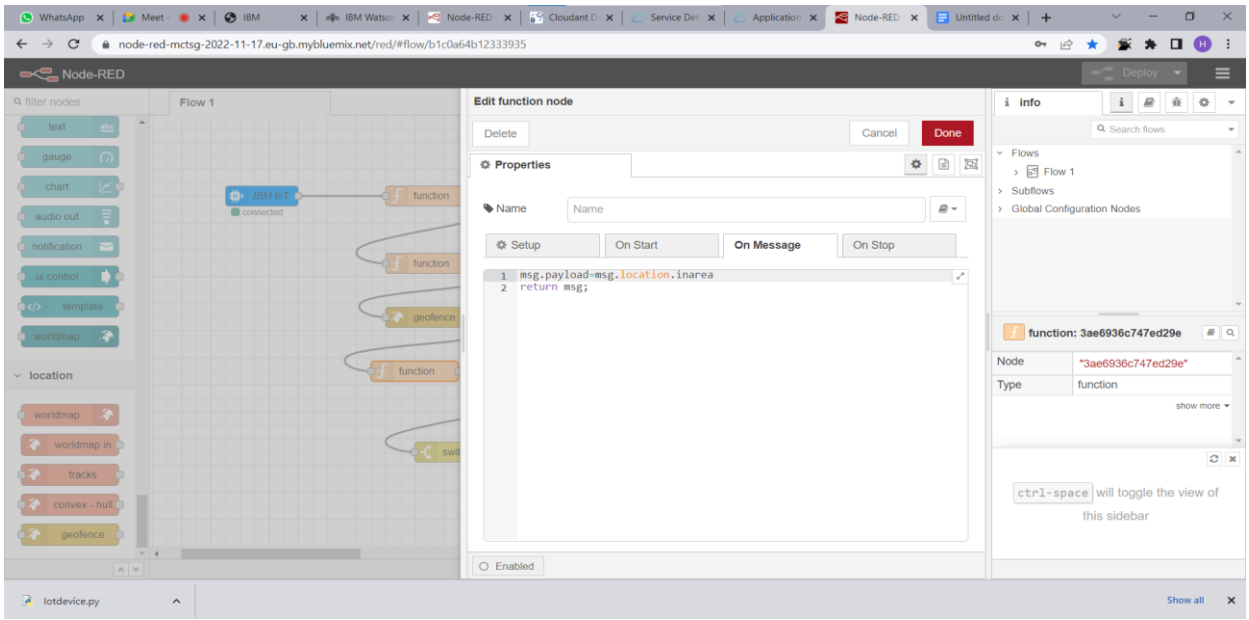
Geofence node:



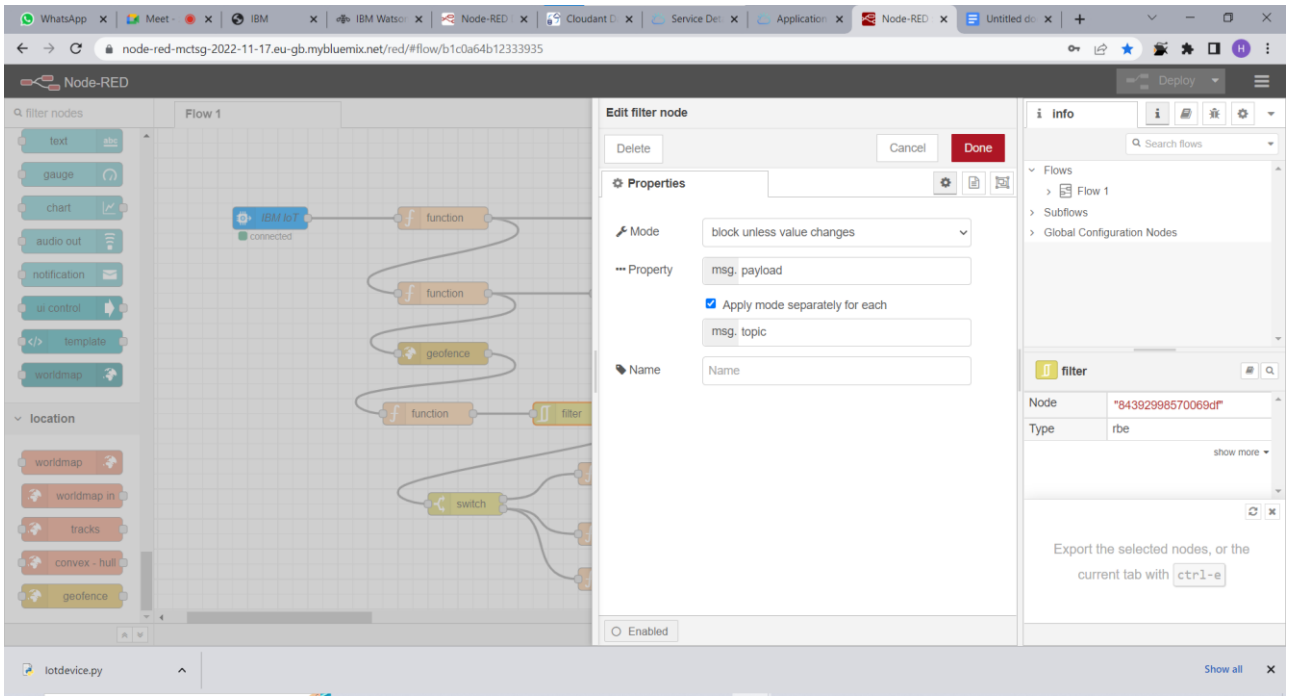
Worldmap node:



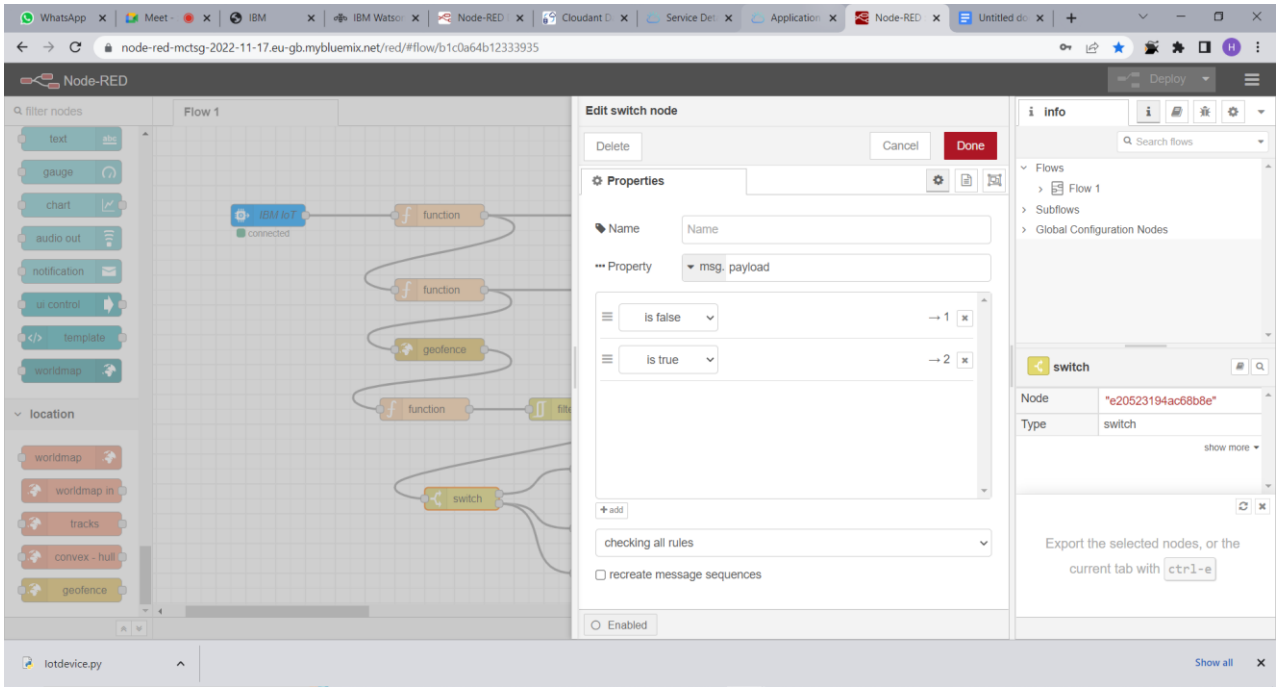
Function node:

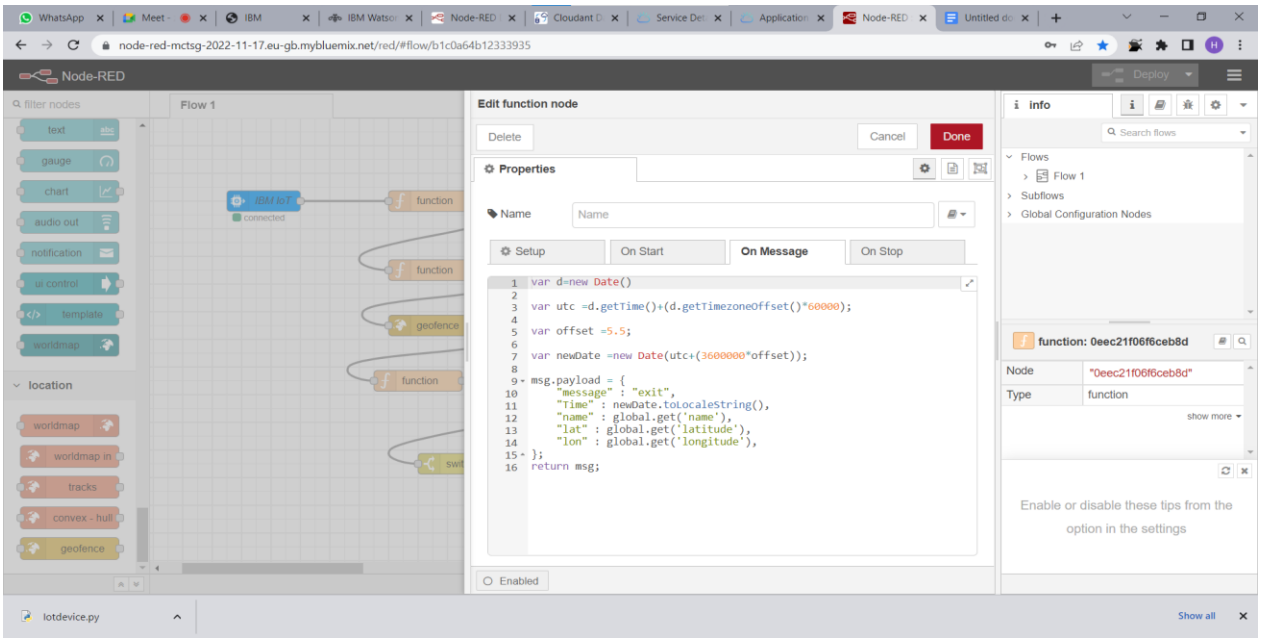


Filter node:

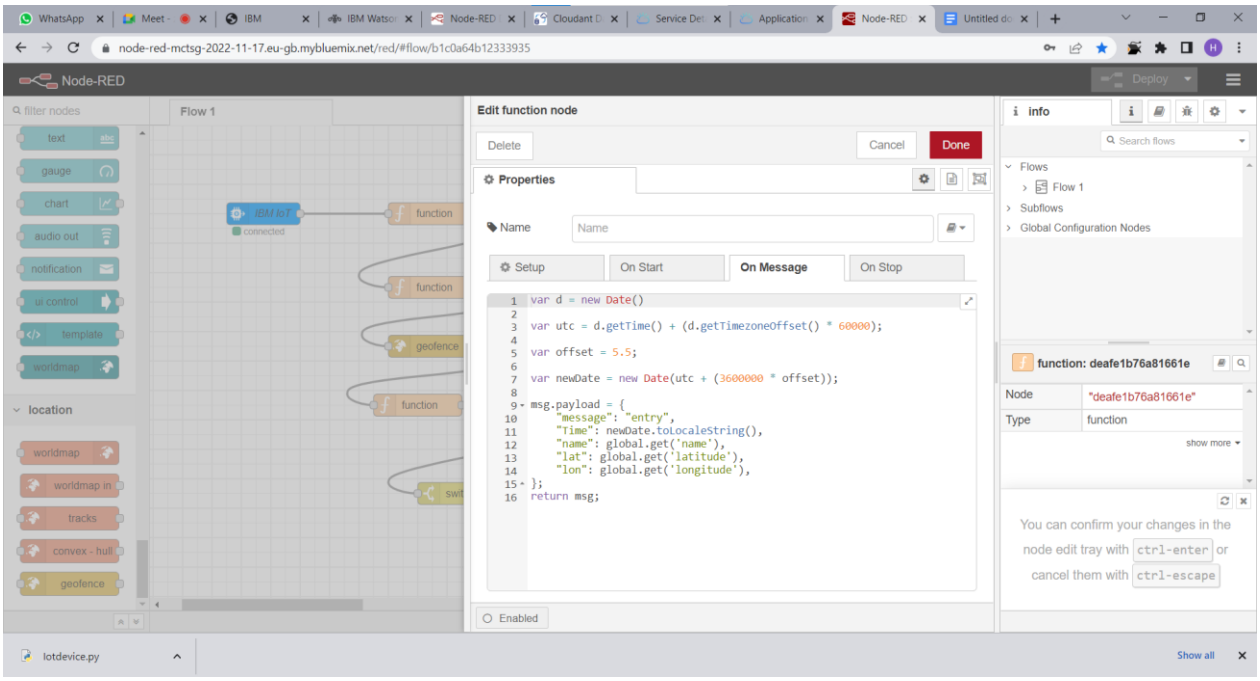


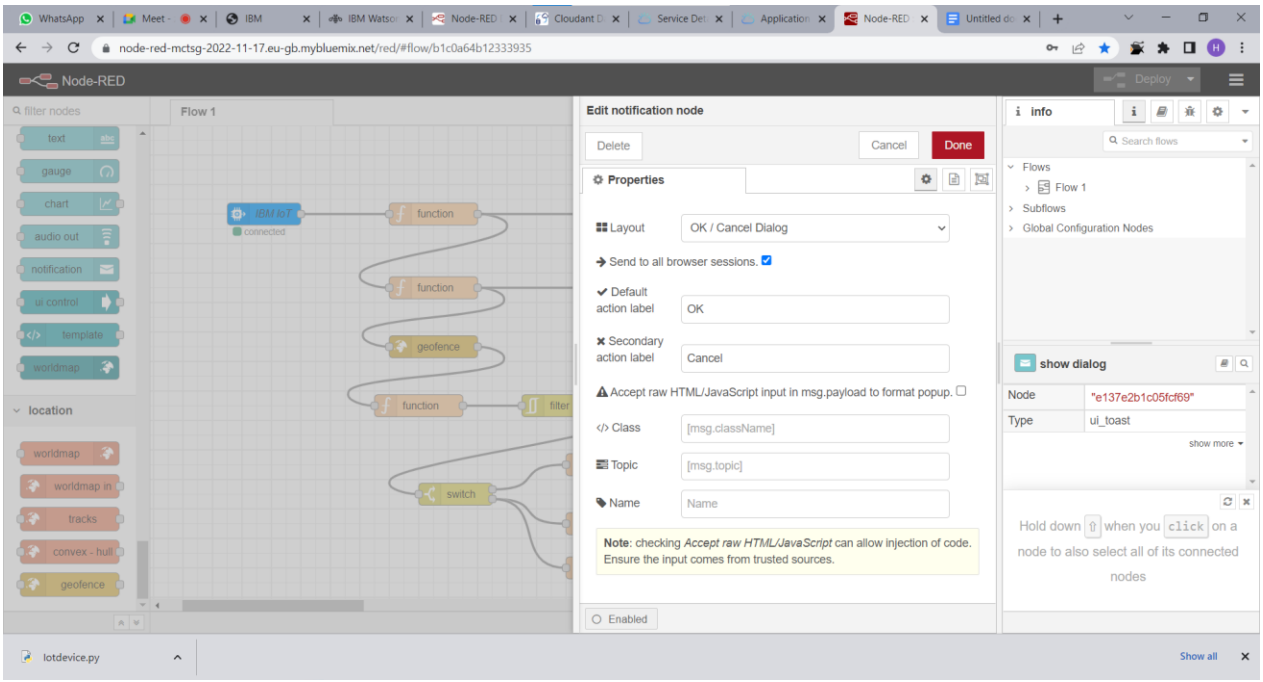
Switch node:



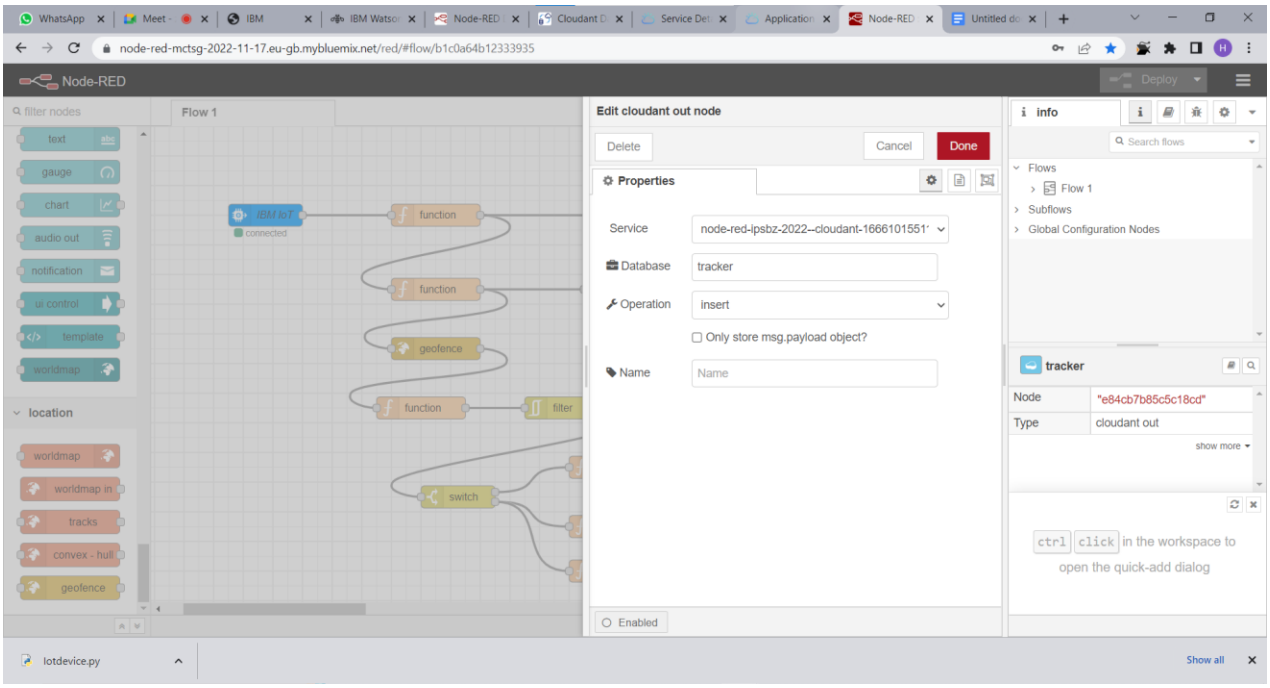


Function node:

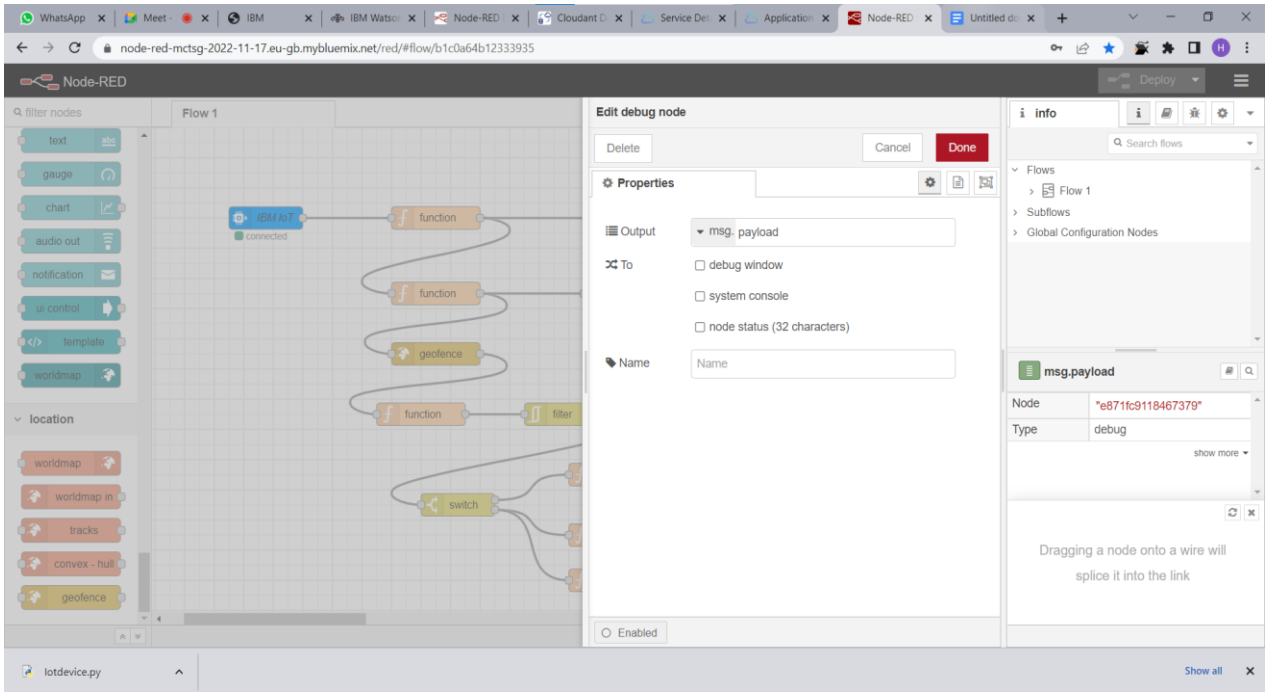




Cloudant out node:



Debug node:


node-red-mctsg-2022-11-17.eu-gb.mybluemix.net/red/#flow/b1c0a64b12333935
Node-RED
Deploy
Flow 1
Edit debug node
Delete
Cancel
Done
Properties
Output
msg. payload
To
debug window
system console
node status (32 characters)
Name
Name
Enabled
info
Search flows
Flows
Flow 1
Subflows
Global Configuration Nodes
msg.payload
Node
"e871fc9118467379"
Type
debug
show more
Dragging a node onto a wire will splice it into the link
IBM IoT
connected
function
geofence
filter
switch
location
worldmap
worldmap in
tracks
convex - hull
iotdevice.py
Show all