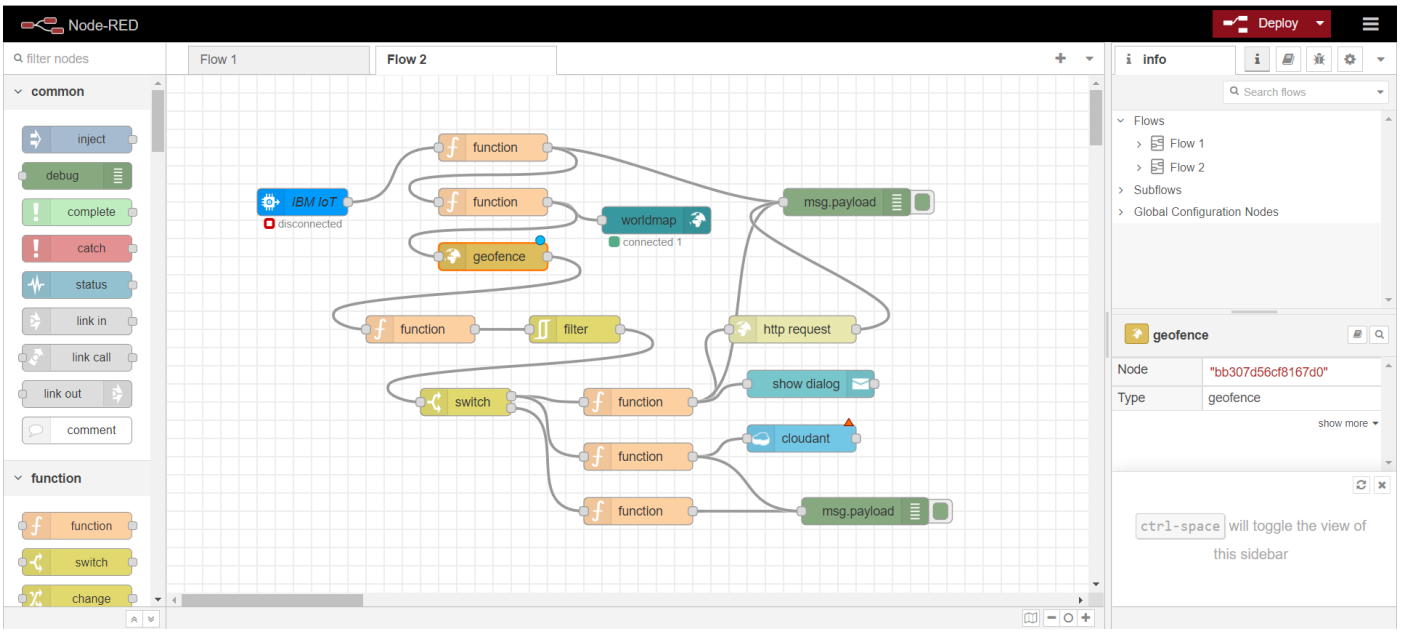
Project Development - Sprint 1

Iot Based Safety For Child Safety Monitoring & Notification

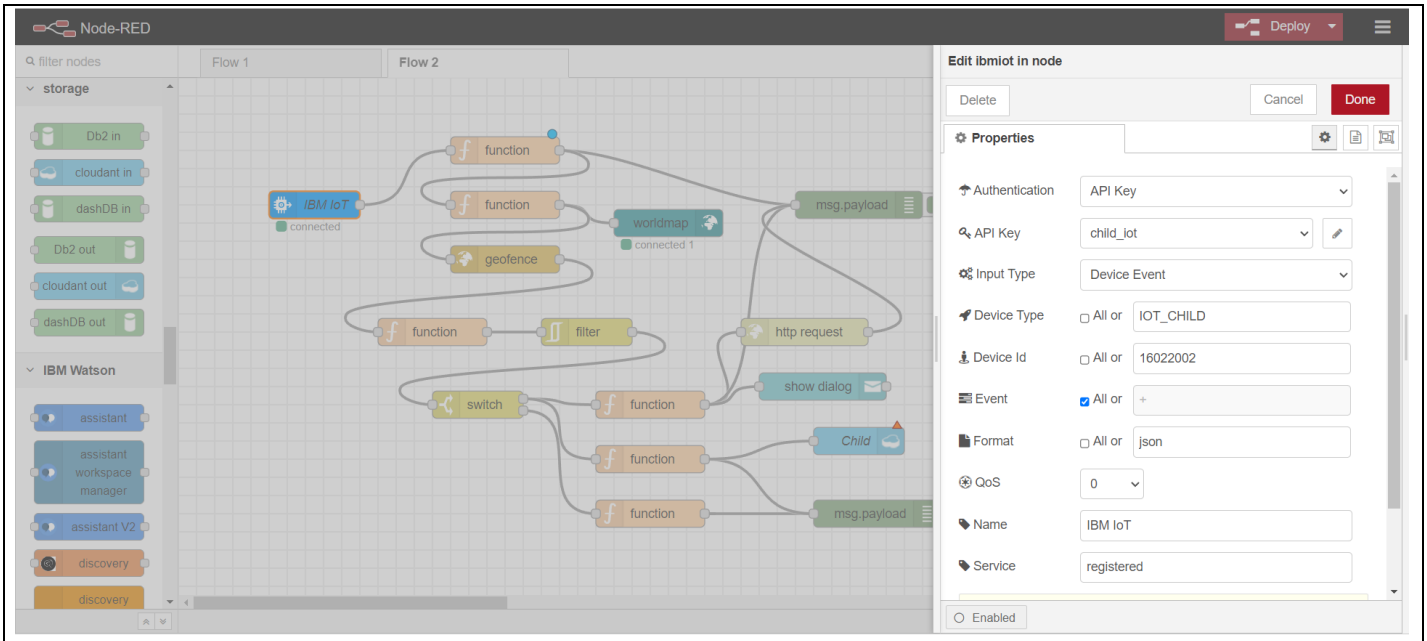
Team ID: PNT2022TMID20412

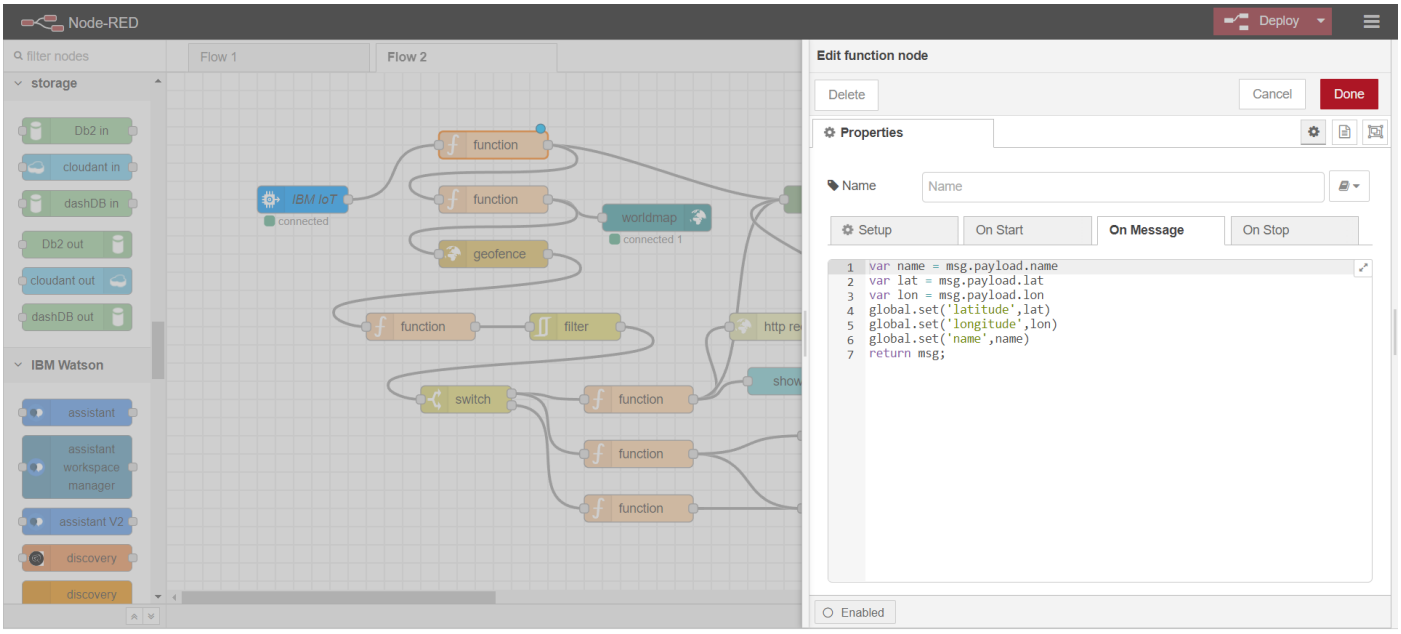
Creating Node - Red Service and Connecting with IBM cloud

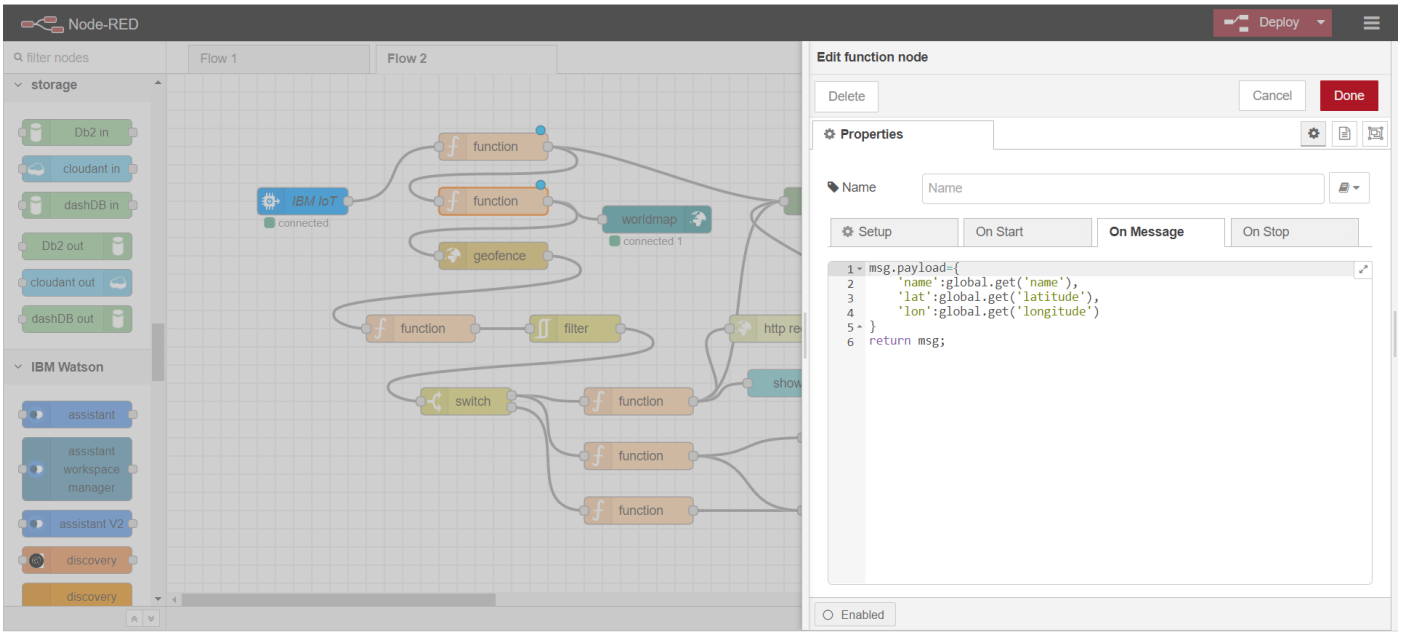
Creating Node-Red Service :

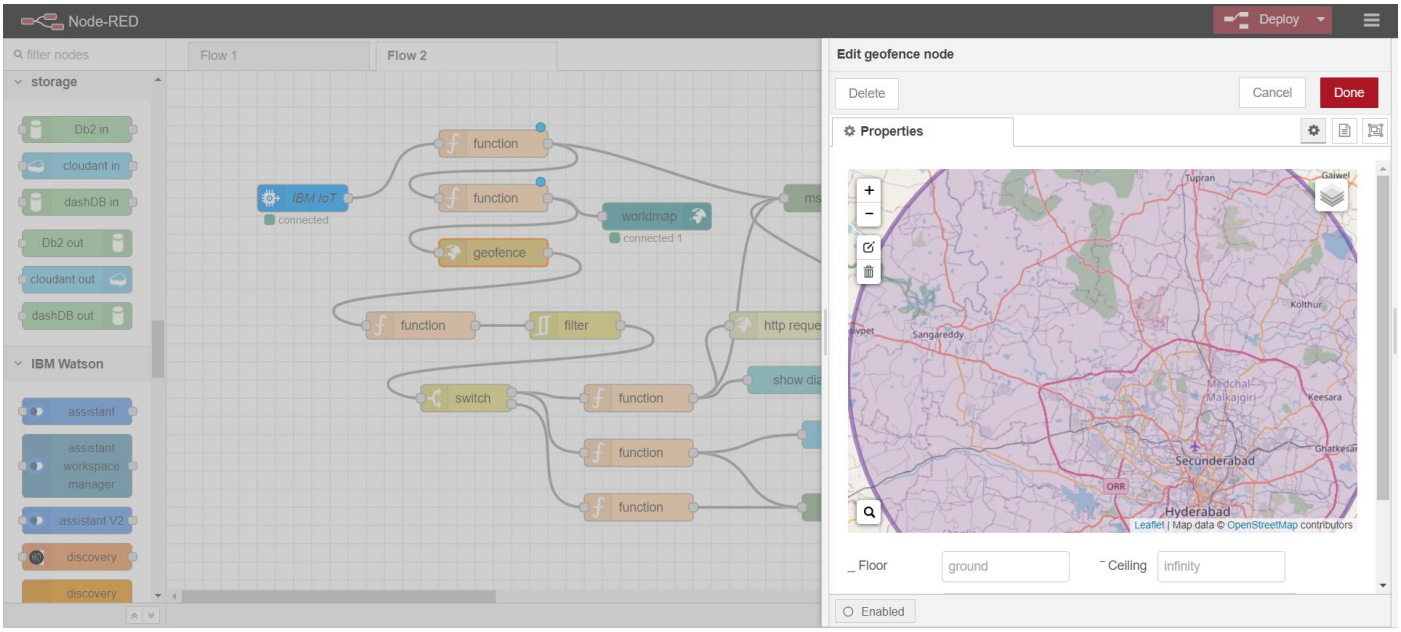


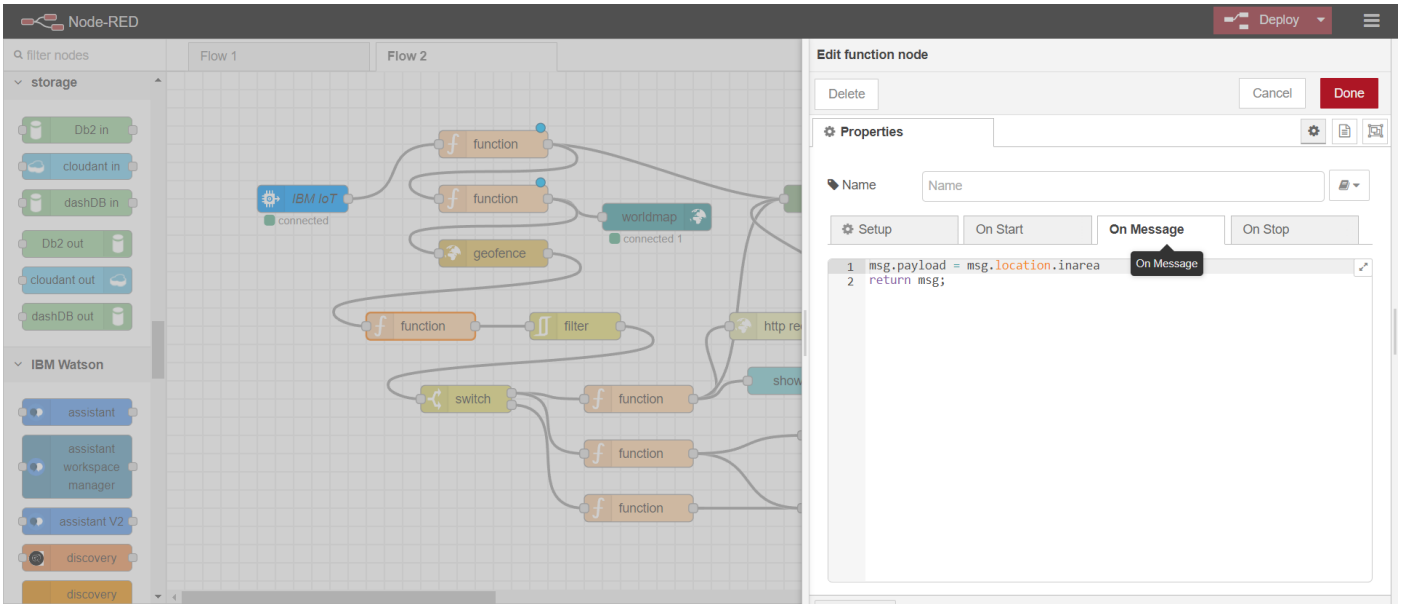
Codes in Each Node:

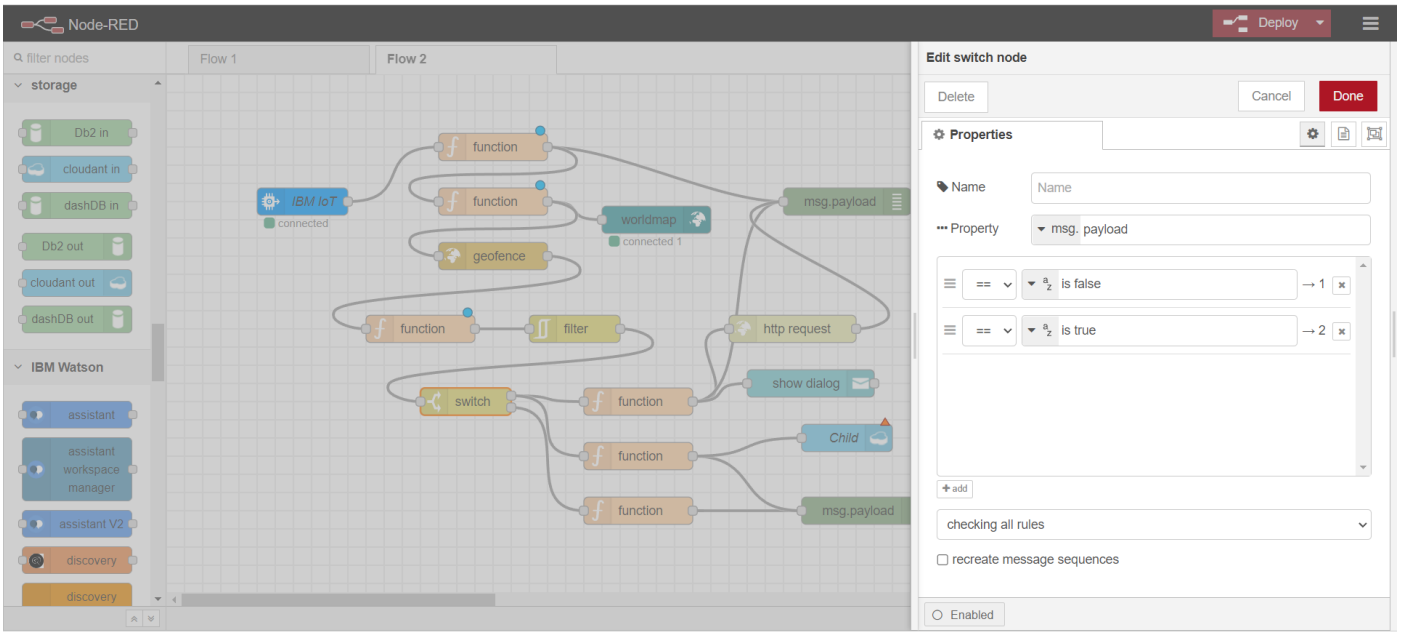


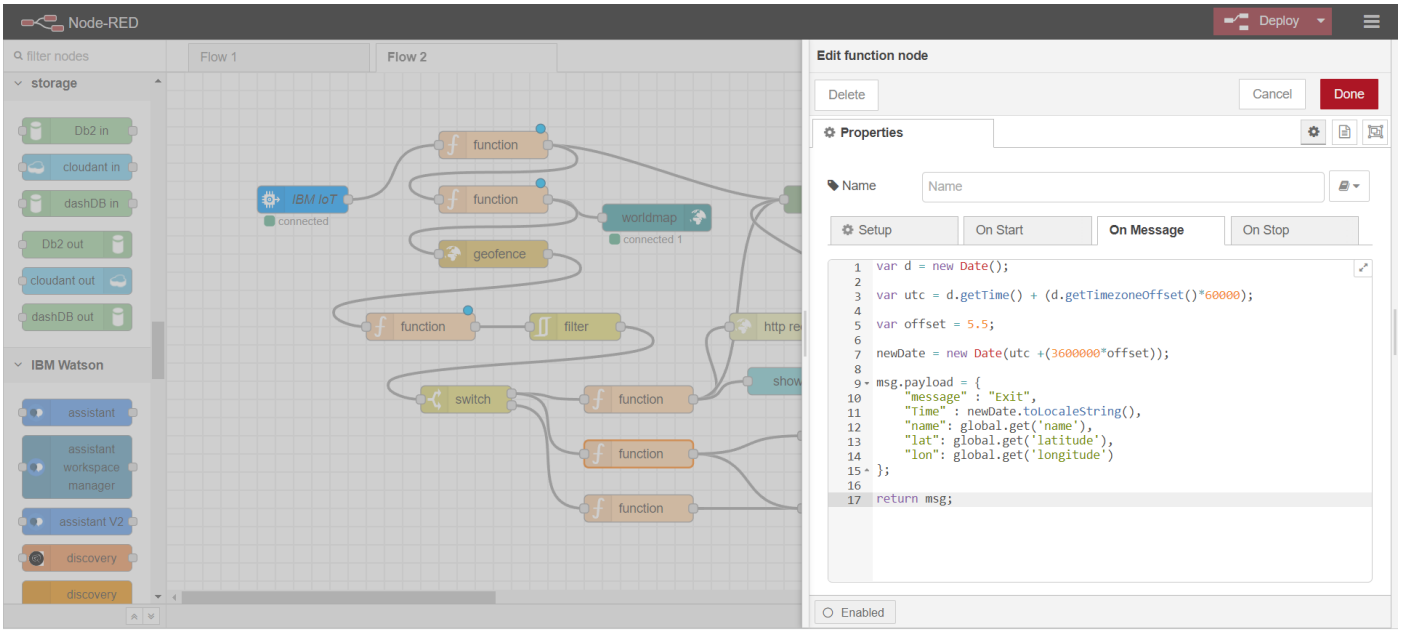


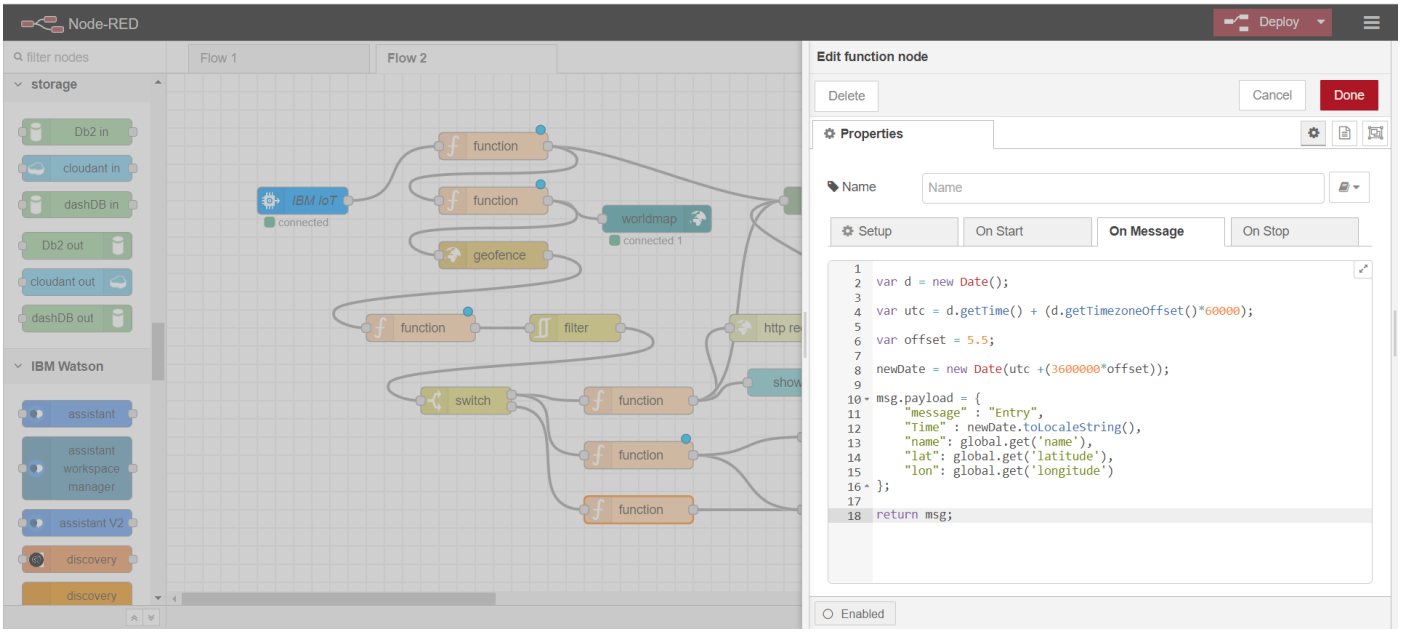









Node-RED
Deploy
filter nodes
Flow 1
Flow 2
storage
Db2 in
cloudant in
dashDB in
Db2 out
cloudant out
dashDB out
IBM Watson
assistant
assistant workspace manager
assistant V2
discovery
function
IBM IoT
connected
worldmap
connected 1
geofence
filter
switch
http re
show
Edit function node
Delete
Cancel
Done
Properties
Name
Setup
On Start
On Message
On Stop
var d = new Date();
var utc = d.getTime() + (d.getTimezoneOffset()*60000);
var offset = 5.5;
newDate = new Date(utc +(3600000*offset));
msg.payload = {
"message" : "Exit",
"Time" : newDate.toLocaleString(),
"name": global.get('name'),
"lat": global.get('latitude'),
"lon": global.get('longitude')
};
return msg;
Enabled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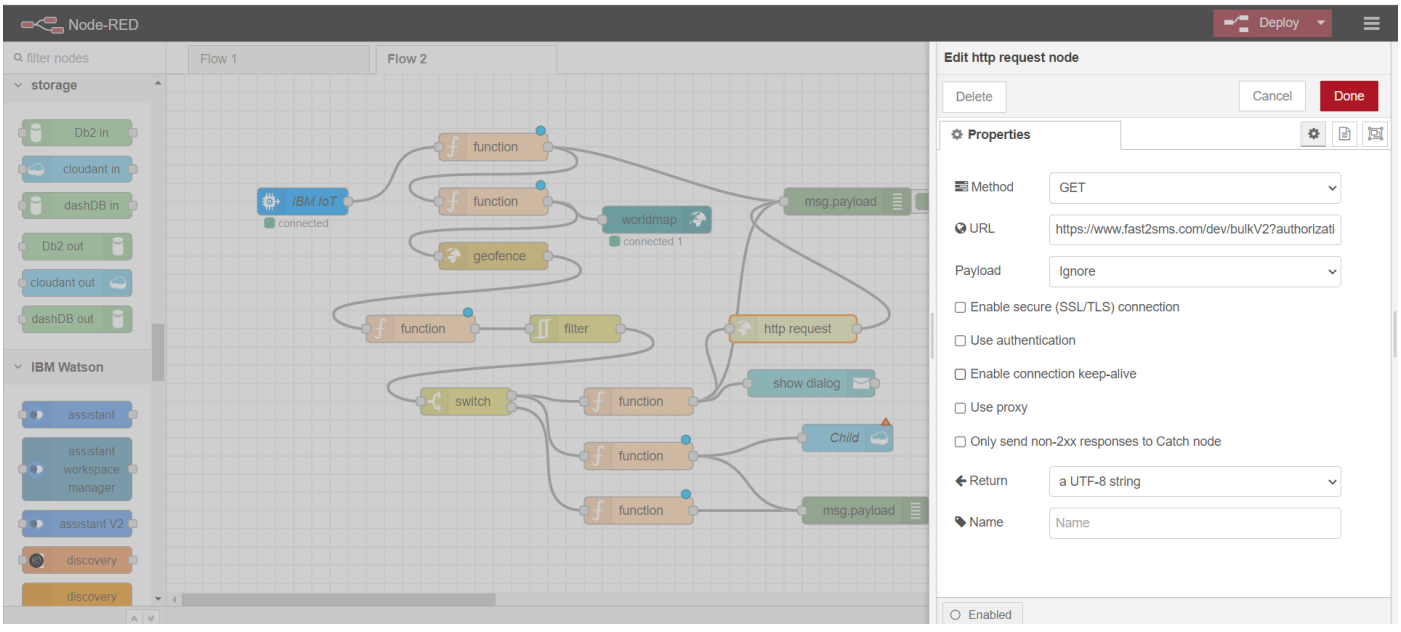
var d = new Date();
var utc = d.getTime() + (d.getTimezoneOffset()*60000);
var offset = 5.5;
newDate = new Date(utc +(3600000*offset));
msg.payload = {
"message" : "Entry",
"Time" : newDate.toLocaleString(),
"name": global.get('name'),
"lat": global.get('latitude'),
"lon": global.get('longitude')
};
return msg;
Enabled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discovery
function
IBM IoT
connected
worldmap
connected 1
geofence
filter
switch
msg.payload
http request
show dialog
Child
Edit http request node
Delete
Cancel
Done
Properties
Method
GET
URL
https://www.fast2sms.com/dev/bulkV2?authorizati
Payload
Ignore
Enable secure (SSL/TLS) connection
Use authentication
Enable connection keep-alive
Use proxy
Only send non-2xx responses to Catch node
Return
a UTF-8 string
Name
Enabled