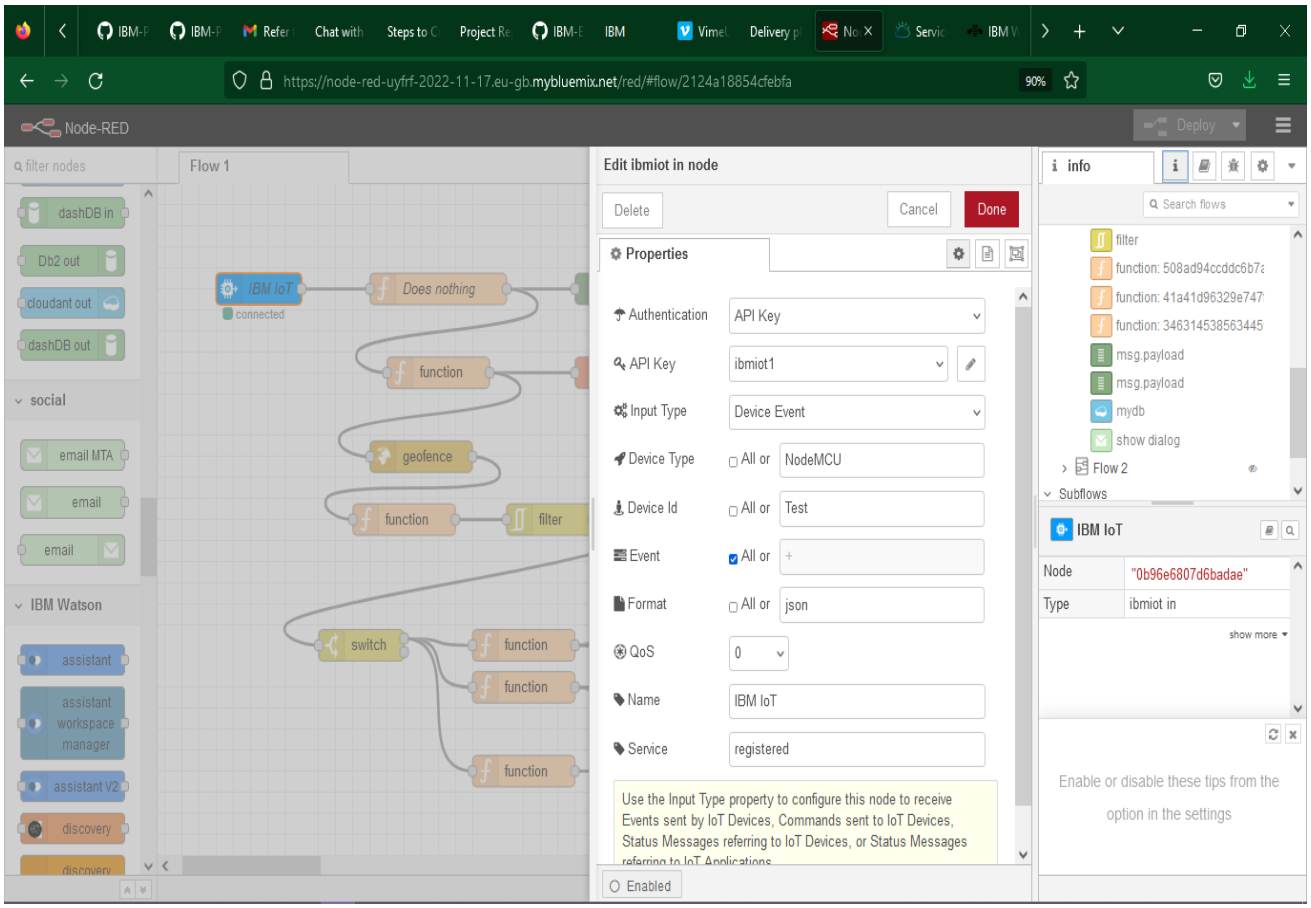
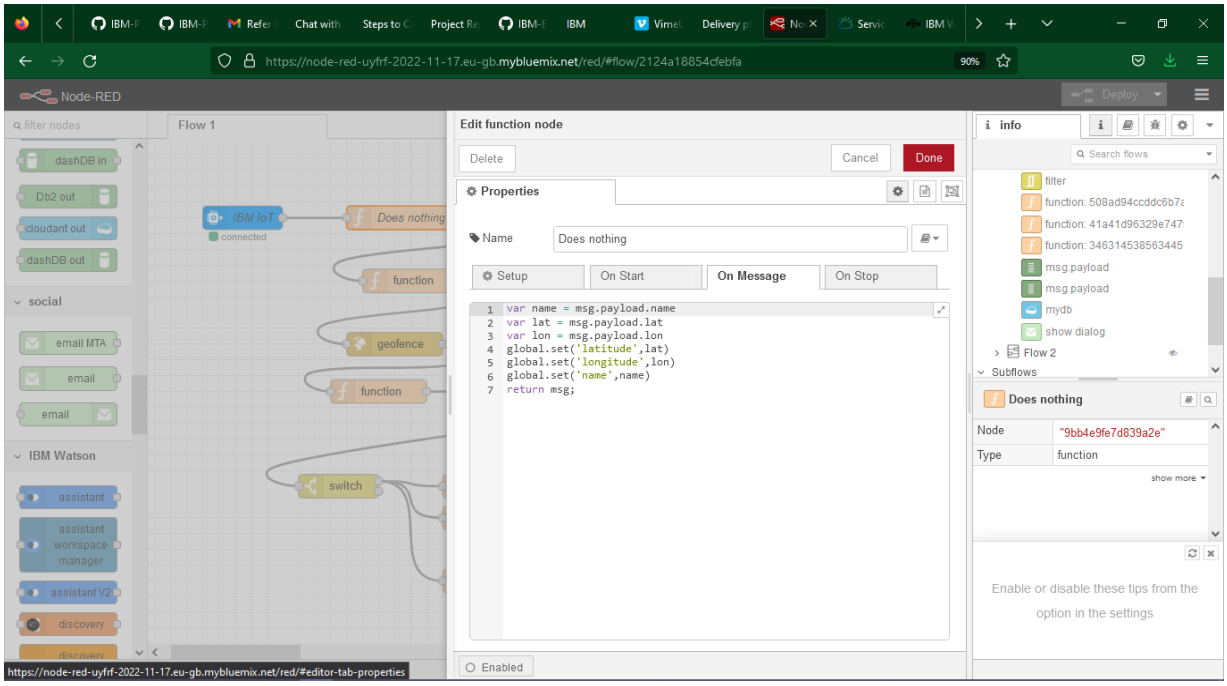
IoT Based Safety Gadget for Child Safety Monitoring & Notification

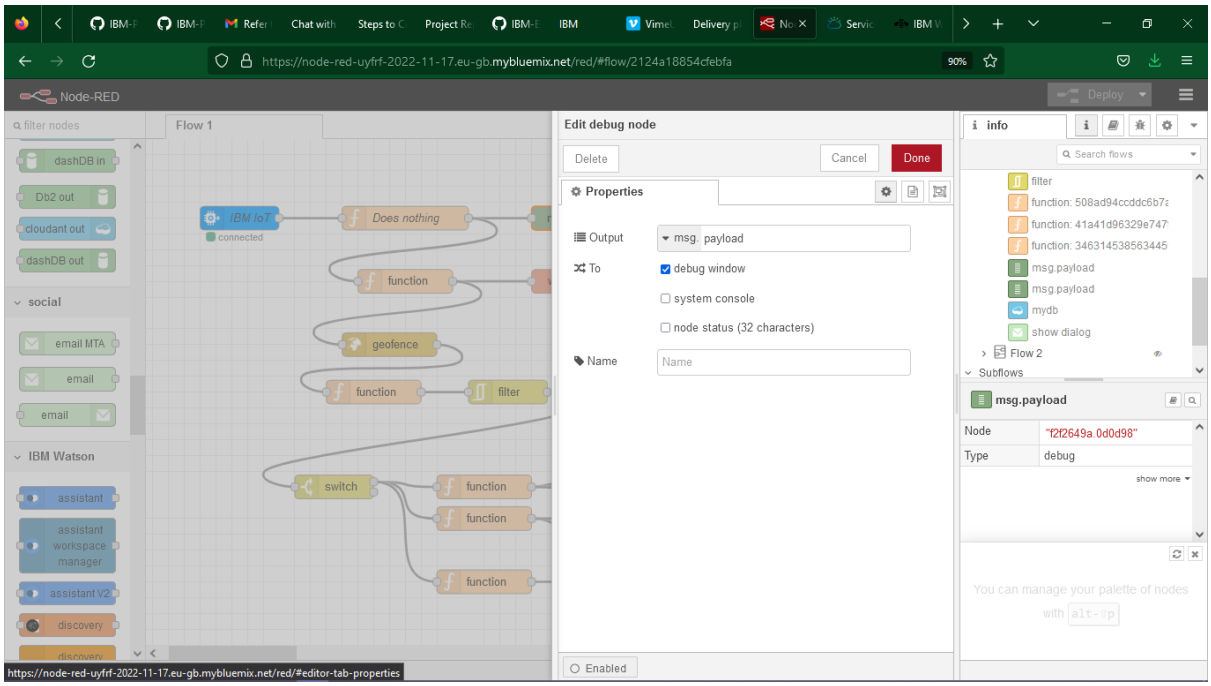
Sprint-3

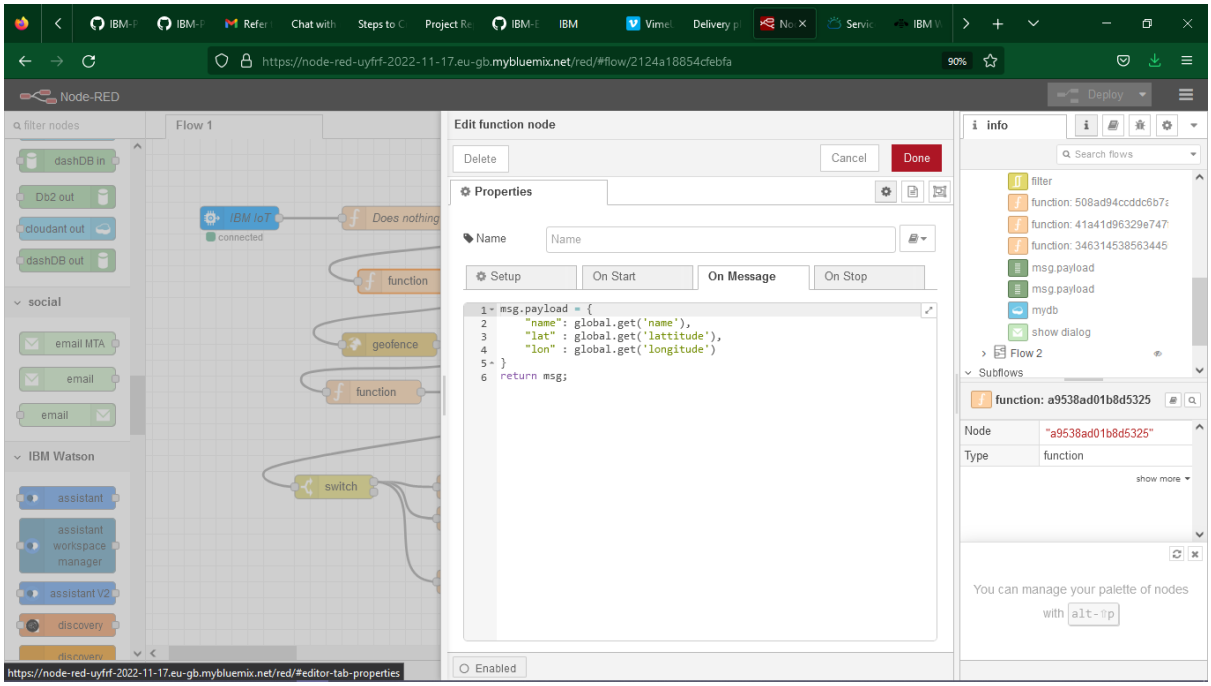
Team ID:PNT2022TMID49661

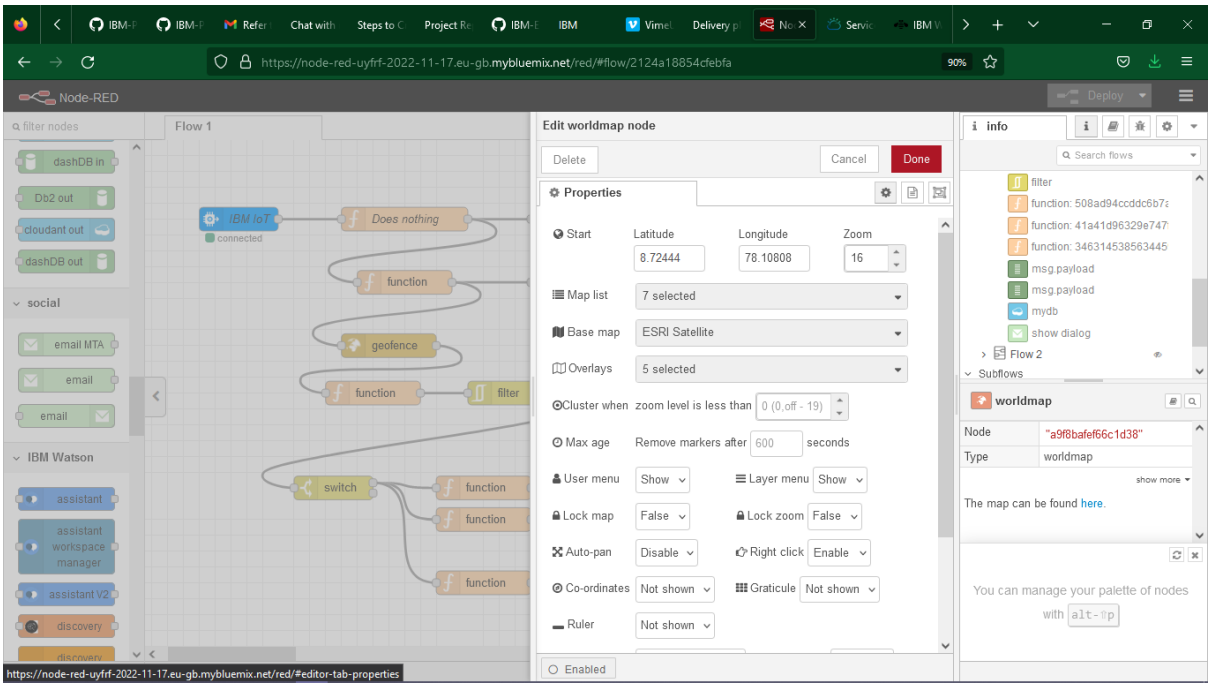
Implementation of Node red

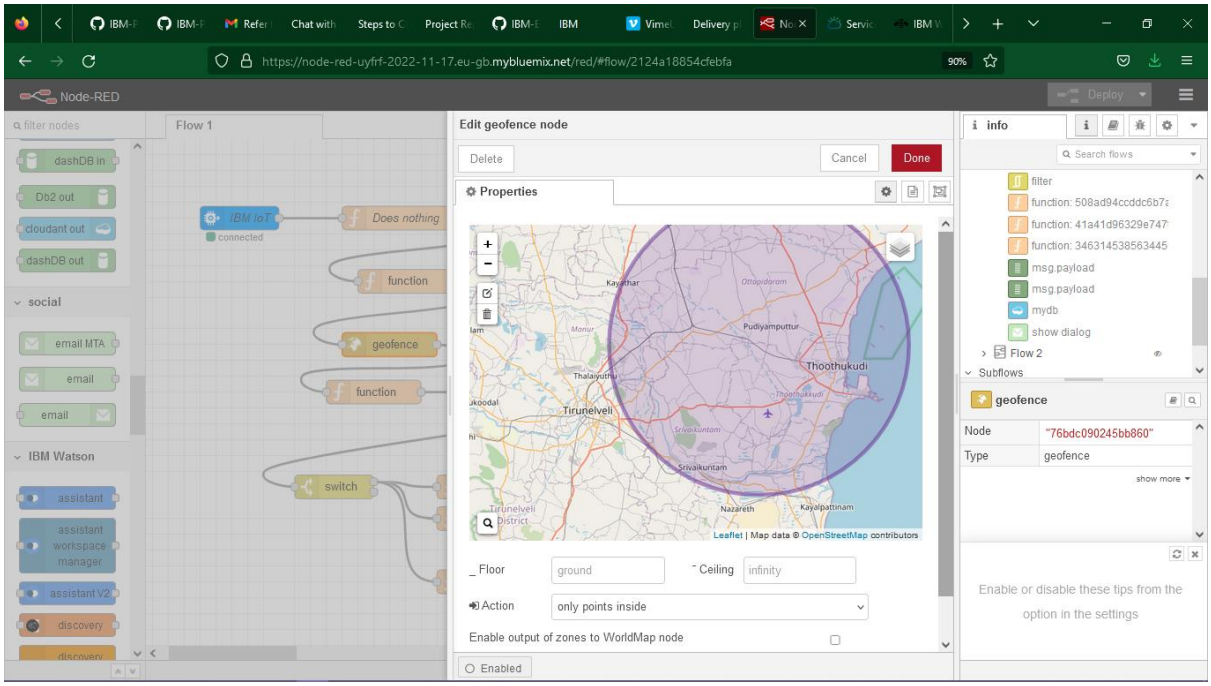


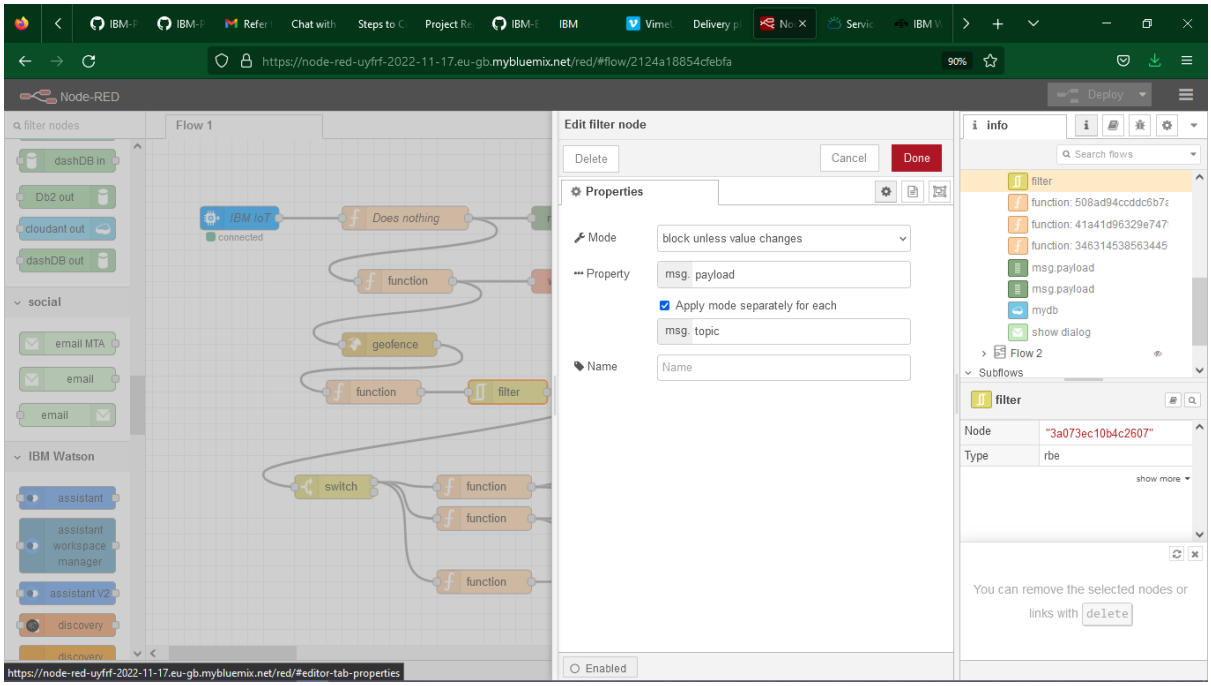

Node-RED
Flow 1
Edit function node
Delete
Cancel
Done
Properties
Name
Does nothing
Setup
On Start
On Message
On Stop
var name = msg.payload.name
var lat = msg.payload.lat
var lon = msg.payload.lon
global.set('latitude',lat)
global.set('longitude',lon)
global.set('name',name)
return msg;
Enabled
info
Does nothing
Node
"9bb4e9fe7d839a2e"
Type
function
Enable or disable these tips from the option in the settings

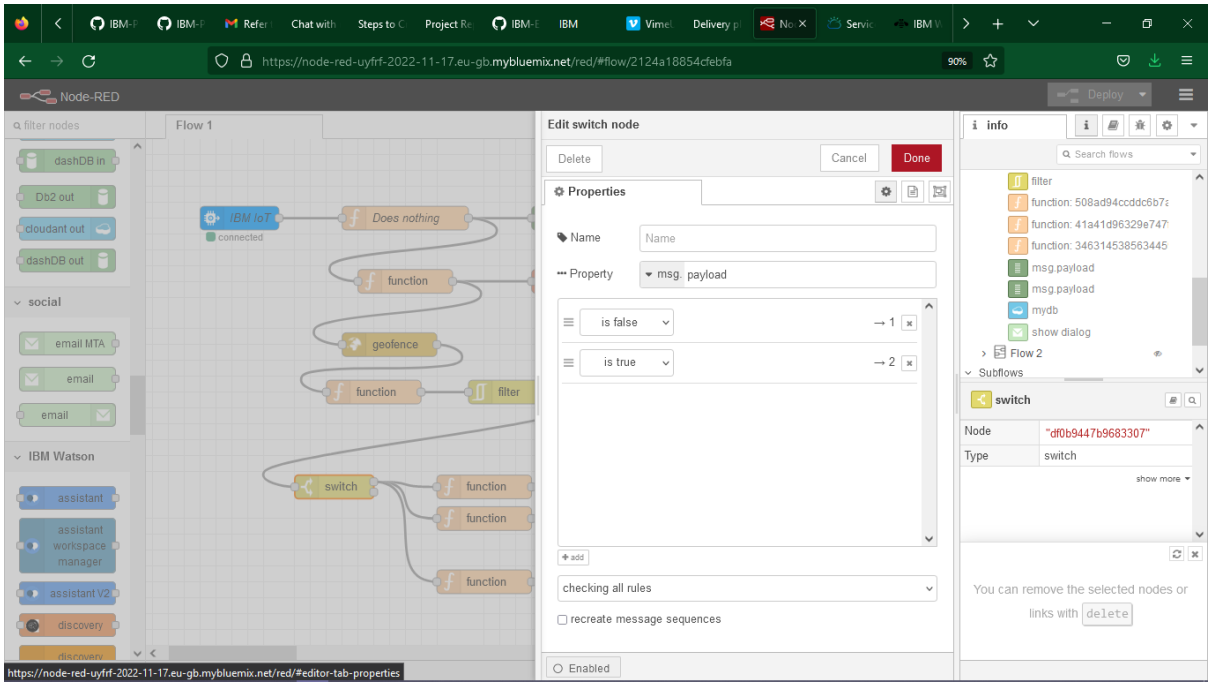

Node-RED
Flow 1
Edit debug node
Delete
Cancel
Done
Properties
Output
msg. payload
To
debug window
system console
node status (32 characters)
Name
Enabled
info
msg.payload
Node
"f2f2649a.0d0d98"
Type
debug
You can manage your palette of nodes with alt-gp

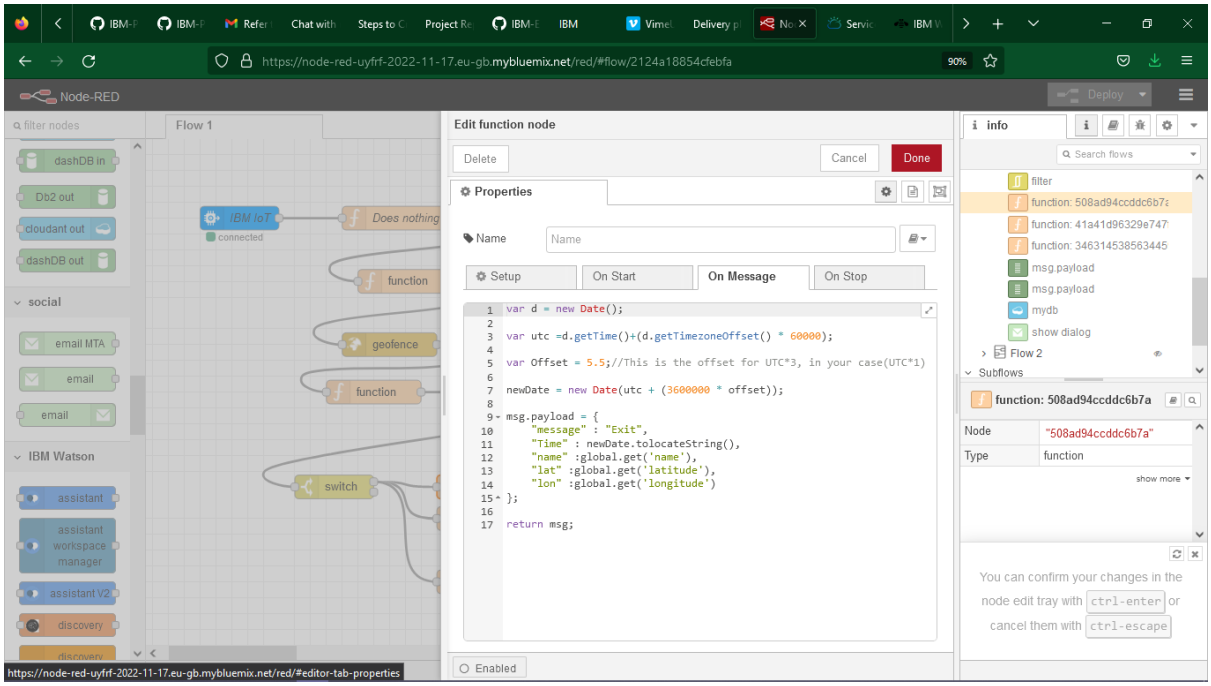

Node-RED
Flow 1
Edit function node
Delete
Cancel
Done
Properties
Name
Setup
On Start
On Message
On Stop
msg.payload = {
"name": global.get('name'),
"lat" : global.get('lattitude'),
"lon" : global.get('longitude')
}
return msg;
Enabled
info
function: a9538ad01b8d5325
Node
"a9538ad01b8d5325"
Type
function
You can manage your palette of nodes with alt-⇧p
IBM IoT
Does nothing
function
geofence
switch
dashDB in
Db2 out
cloudant out
dashDB out
email MTA
email
IBM Watson
assistant
assistant workspace manager
assistant V2
discovery

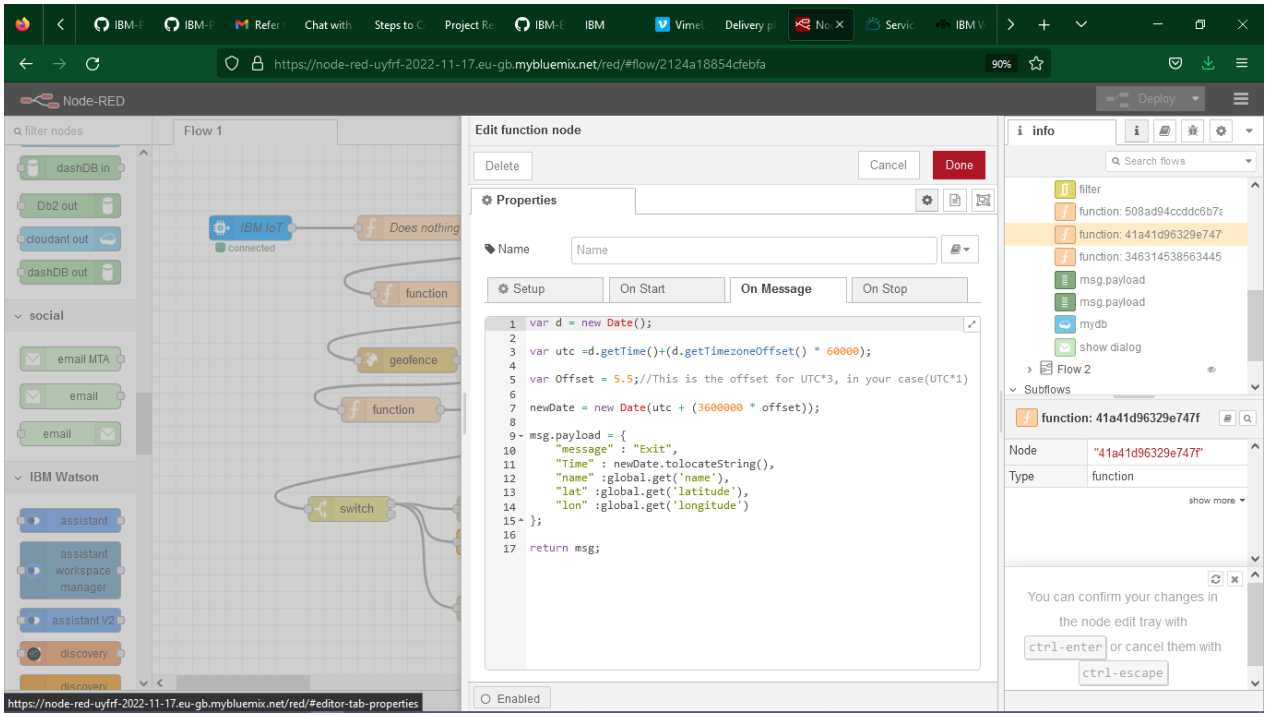

Node-RED
Flow 1
Edit worldmap node
Delete
Cancel
Done
Properties
Start
Latitude
8.72444
Longitude
78.10808
Zoom
16
Map list
7 selected
Base map
ESRI Satellite
Overlays
5 selected
Cluster when zoom level is less than 0 (0,off - 19)
Max age
Remove markers after 600 seconds
User menu
Show
Layer menu
Show
Lock map
False
Lock zoom
False
Auto-pan
Disable
Right click
Enable
Co-ordinates
Not shown
Graticule
Not shown
Ruler
Not shown
Enabled
info
worldmap
Node
"a9f8bafef66c1d38"
Type
worldmap
The map can be found here.
You can manage your palette of nodes with alt-⇧p
IBM IoT
Does nothing
function
geofence
filter
switch
dashDB in
Db2 out
cloudant out
dashDB out
email MTA
email
IBM Watson
assistant
assistant workspace manager
assistant V2
discovery

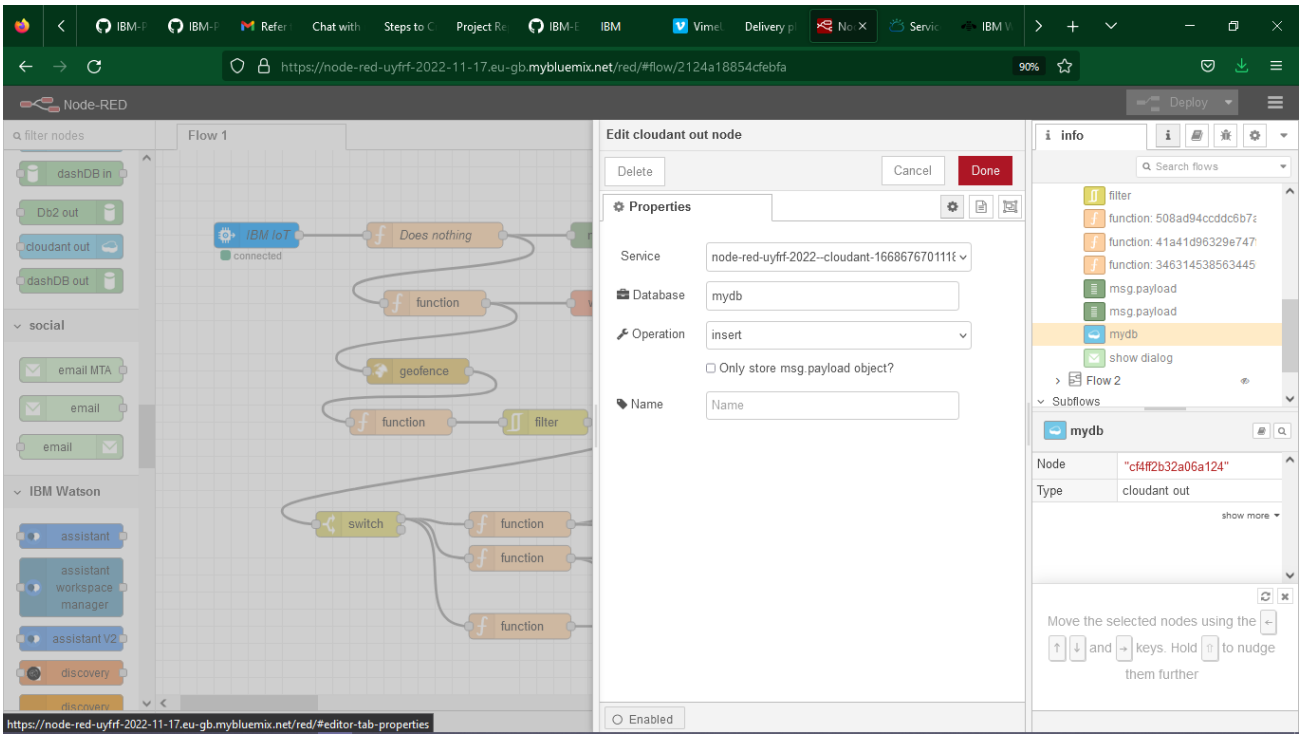

Node-RED
Flow 1
Edit geofence node
Delete
Cancel
Done
Properties
Floor
ground
Ceiling
infinity
Action
only points inside
Enable output of zones to WorldMap node
Enabled
info
geofence
Node
"76bdc090245bb860"
Type
geofence
Enable or disable these tips from the option in the settings

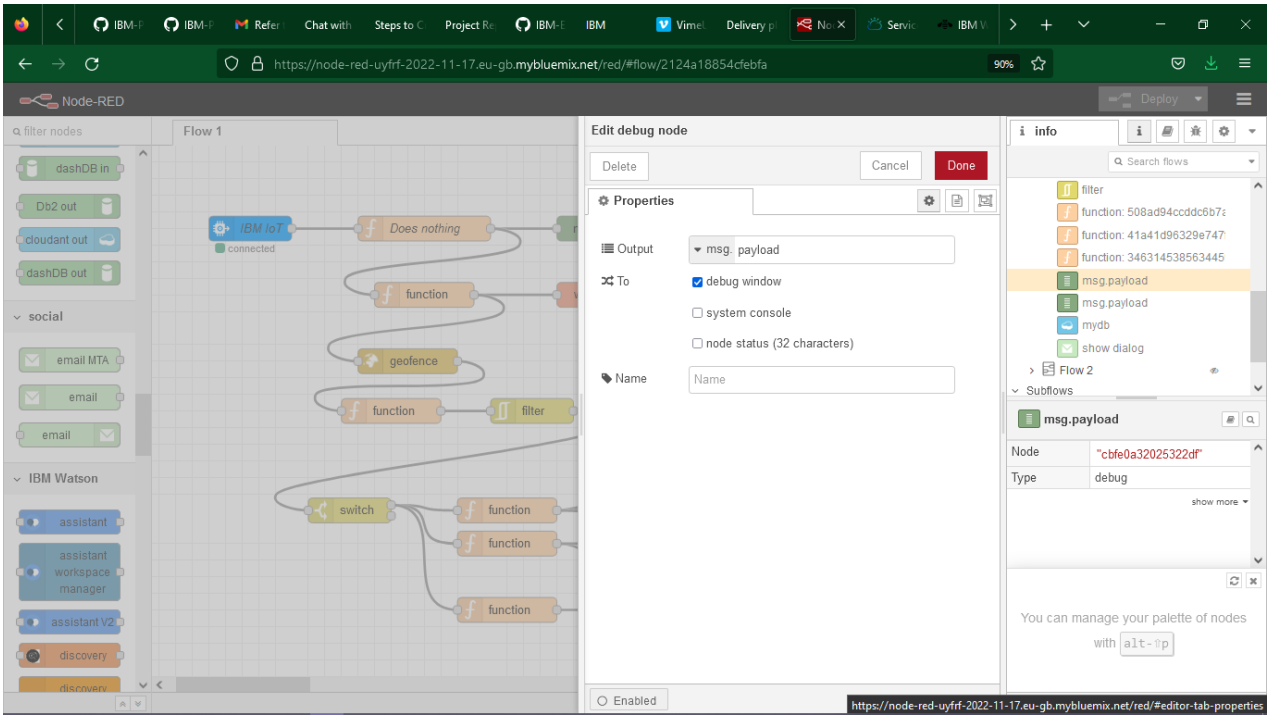

Node-RED
Flow 1
Edit filter node
Delete
Cancel
Done
Properties
Mode
block unless value changes
Property
msg. payload
Apply mode separately for each
msg. topic
Name
Name
Enabled
info
filter
Node
"3a073ec10b4c2607"
Type
rbe
You can remove the selected nodes or links with delete

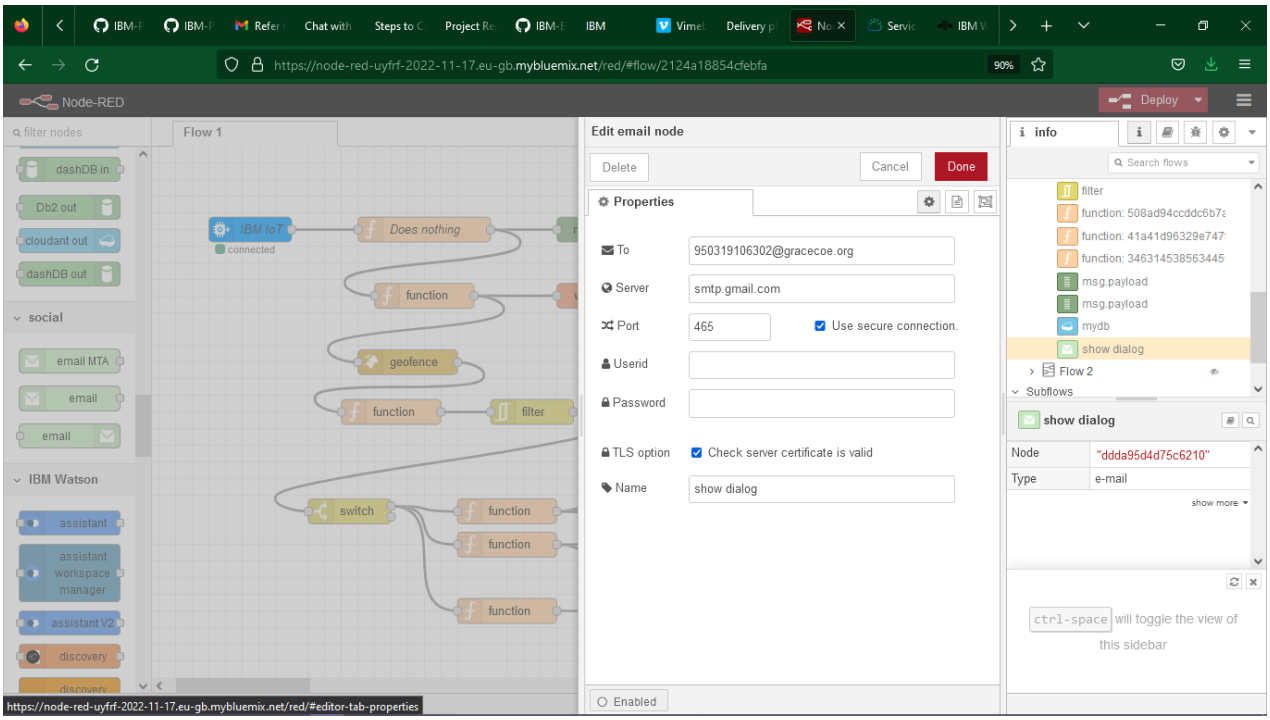

Node-RED
Flow 1
Edit switch node
Delete
Cancel
Done
Properties
Name
Property
msg. payload
is false
is true
checking all rules
recreate message sequences
Enabled
info
switch
Node
"df0b9447b9683307"
Type
switch
show more
You can remove the selected nodes or links with delete
IBM IoT
connected
Does nothing
function
geofence
filter
switch
social
IBM Watson
https://node-red-uyfrf-2022-11-17.eu-gb.mybluemix.net/red/#editor-tab-properties

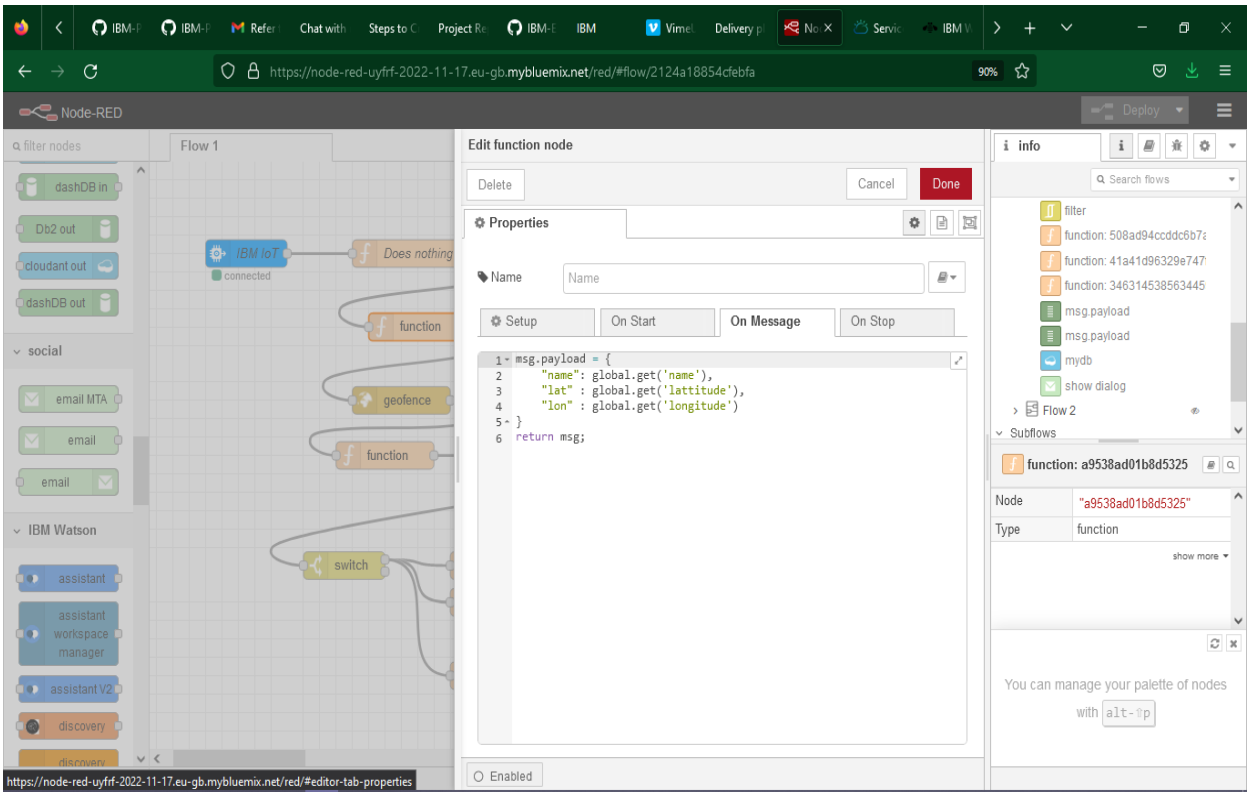

Node-RED
Flow 1
Edit function node
Delete
Cancel
Done
Properties
Name
Setup
On Start
On Message
On Stop
var d = new Date();
var utc =d.getTime()+(d.getTimezoneOffset() * 60000);
var Offset = 5.5;//This is the offset for UTC*3, in your case(UTC*1)
newDate = new Date(utc + (3600000 * offset));
msg.payload = {
"message" : "Exit",
"Time" : newDate.tolocaleString(),
"name" :global.get('name'),
"lat" :global.get('latitude'),
"lon" :global.get('longitude')
};
return msg;
Enabled
info
function: 508ad94ccddc6b7a
Node
"508ad94ccddc6b7a"
Type
function
show more
You can confirm your changes in the node edit tray with ctrl-enter or cancel them with ctrl-escape
https://node-red-uyfrf-2022-11-17.eu-gb.mybluemix.net/red/#editor-tab-properties


Node-RED
Flow 1
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;//This is the offset for UTC*3, in your case(UTC*1)
newDate = new Date(utc + (3600000 * offset));
msg.payload = {
"message" : "Exit",
"Time" : newDate.tolocateString(),
"name" :global.get('name'),
"lat" :global.get('latitude'),
"lon" :global.get('longitude')
};
return msg;
Enabled
info
function: 41a41d96329e747f
Node
"41a41d96329e747f"
Type
function
You can confirm your changes in the node edit tray with ctrl-enter or cancel them with ctrl-escape
IBM IoT
Does nothing
function
geofence
switch
social
IBM Watson


Node-RED
Flow 1
Edit cloudant out node
Delete
Cancel
Done
Properties
Service
node-red-uyfrf-2022--cloudant-166867670111
Database
mydb
Operation
insert
Only store msg.payload object?
Name
Enabled
info
mydb
Node
"cf4ff2b32a06a124"
Type
cloudant out
Move the selected nodes using the keys. Hold to nudge them further
IBM IoT
Does nothing
function
geofence
filter
switch
social
IBM Watson


Node-RED
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
msg.payload
Node
"cbfe0a32025322df"
Type
debug
You can manage your palette of nodes with alt-?p
https://node-red-uyfrf-2022-11-17.eu-gb.mybluemix.net/red/#editor-tab-properties


Node-RED
Flow 1
Edit email node
Delete
Cancel
Done
Properties
To
950319106302@gracecoe.org
Server
smtp.gmail.com
Port
465
Use secure connection.
Userid
Password
TLS option
Check server certificate is valid
Name
show dialog
Enabled
info
show dialog
Node
"ddda95d4d75c6210"
Type
e-mail
ctrl-space will toggle the view of this sidebar
https://node-red-uyfrf-2022-11-17.eu-gb.mybluemix.net/red/#editor-tab-properties


https://node-red-uyfrf-2022-11-17.eu-gb.mybluemix.net/red/#flow/2124a18854cfebfa
Node-RED
Deploy
Flow 1
dashDB in
Db2 out
cloudant out
dashDB out
social
email MTA
email
email
IBM Watson
assistant
assistant workspace manager
assistant V2
discovery
IBM IoT
connected
Does nothing
function
geofence
function
switch
Edit function node
Delete
Cancel
Done
Properties
Name
Name
Setup
On Start
On Message
On Stop
1 msg.payload = {
2 "name": global.get('name'),
3 "lat" : global.get('lattitude'),
4 "lon" : global.get('longitude')
5 }
6 return msg;
Enabled
info
Search flows
filter
function: 508ad94ccddc6b7
function: 41a41d96329e747
function: 346314538563445
msg.payload
msg.payload
mydb
show dialog
Flow 2
Subflows
function: a9538ad01b8d5325
Node
"a9538ad01b8d5325"
Type
function
show more
You can manage your palette of nodes with alt-⇧p
https://node-red-uyfrf-2022-11-17.eu-gb.mybluemix.net/red/#editor-tab-properties