

DEVELOP A WEB APPLICATION USING NODE-RED

Team ID	PNT2022TMID18013
Project Name	Project – IOT Based Real time River Water Quality Monitoring and Control System

1. Connecting IBM IoT Platform with Node-Red, by generating API key and Token

Edit ibmiot in node > Edit ibmiot node

Delete Cancel Update

Properties

Name IBM IOT

API Key a-vy7e2h-1h8393d2as

API Token *****

Server-Name orgid.messaging.internetofthings.ibmcloud.com

Scalable ☐ Application ID

Keep Alive 60 Seconds ☒ Use Clean Session

Enabled 1 node uses this config On all flows

Edit ibmiot in node

Delete Cancel Done

Properties

Authentication API Key

API Key IBM IOT

Input Type Device Event

Device Type All or +

Device Id All or device id e.g. ab12cd231a21

Event All or +

Format All or json

QoS 0

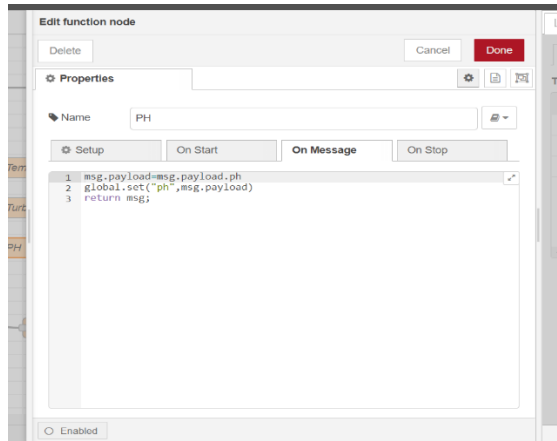
Name IBM IoT

Service registered

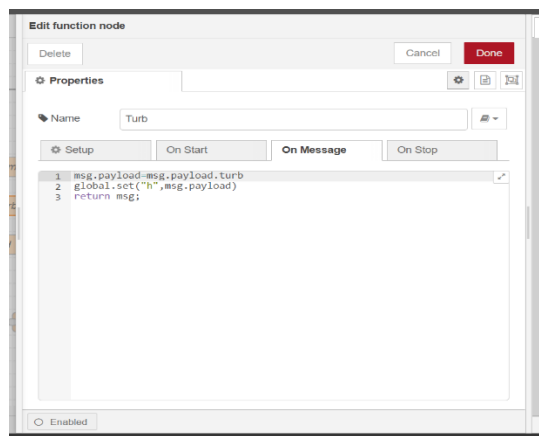
Enabled

2. Write a payload to fetch value from IBM IoT platform to node-red and display them

Payload for Ph



Payload for Turbidity



Payload for Temperature

