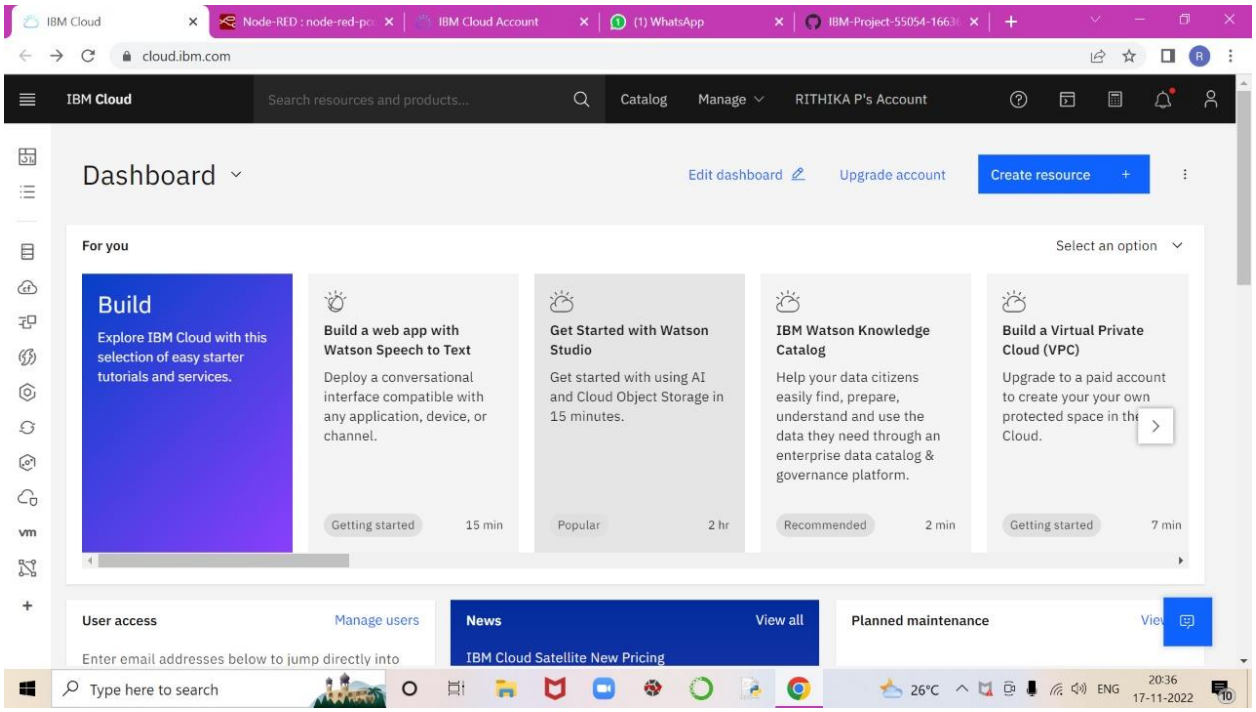
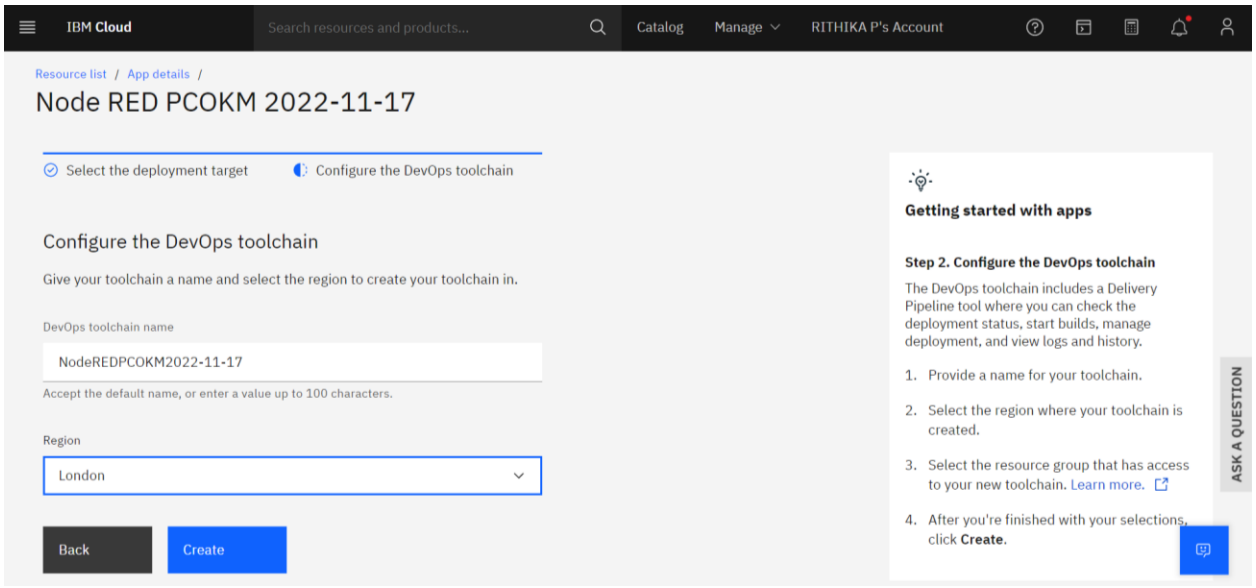
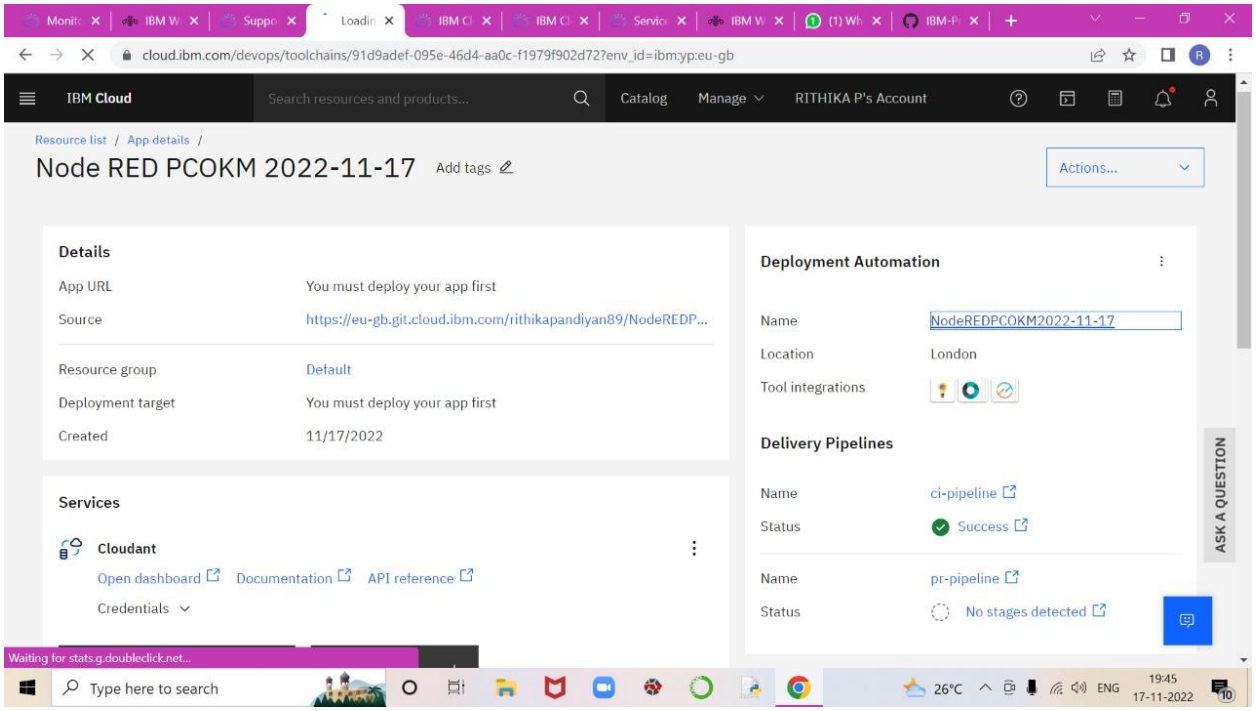
CREATING NODE RED SERVICE

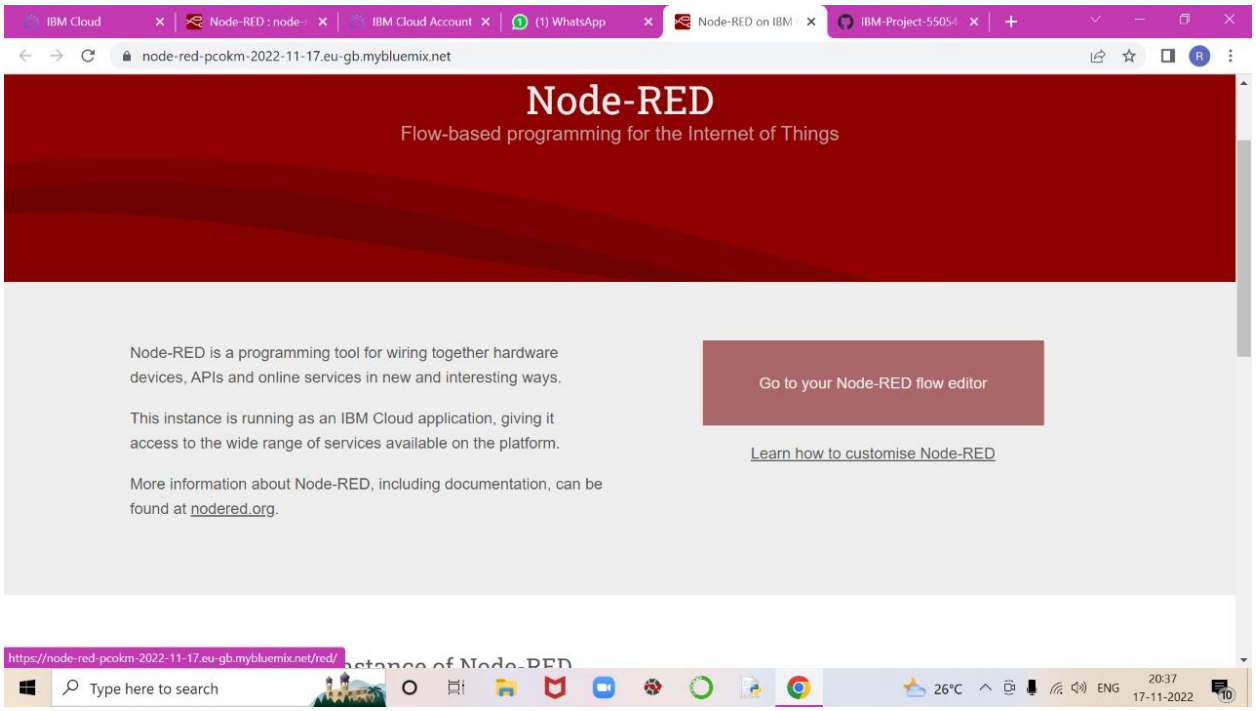
Date	18 November 2022
Team ID	PNT2022TMID4963
Project Name	Project - Gas Leakage monitoring & Alerting system for Industries

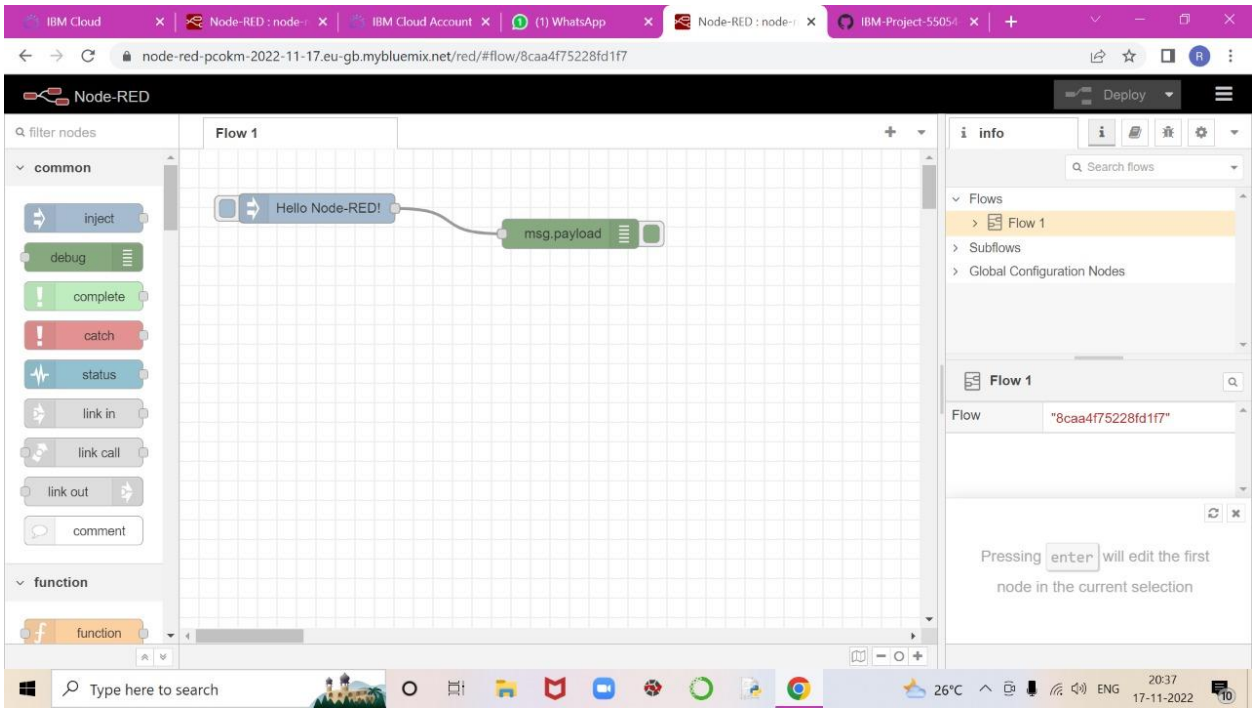
We have created the Node Red Service and attached the screenshot here.

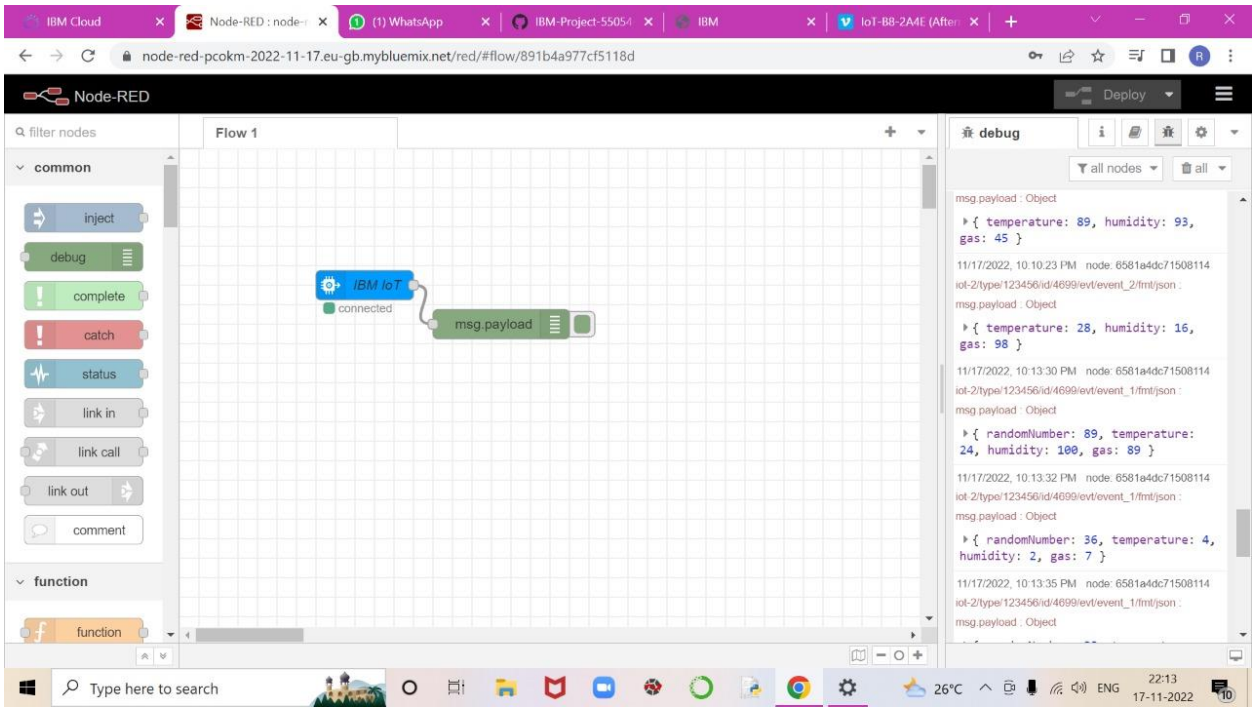


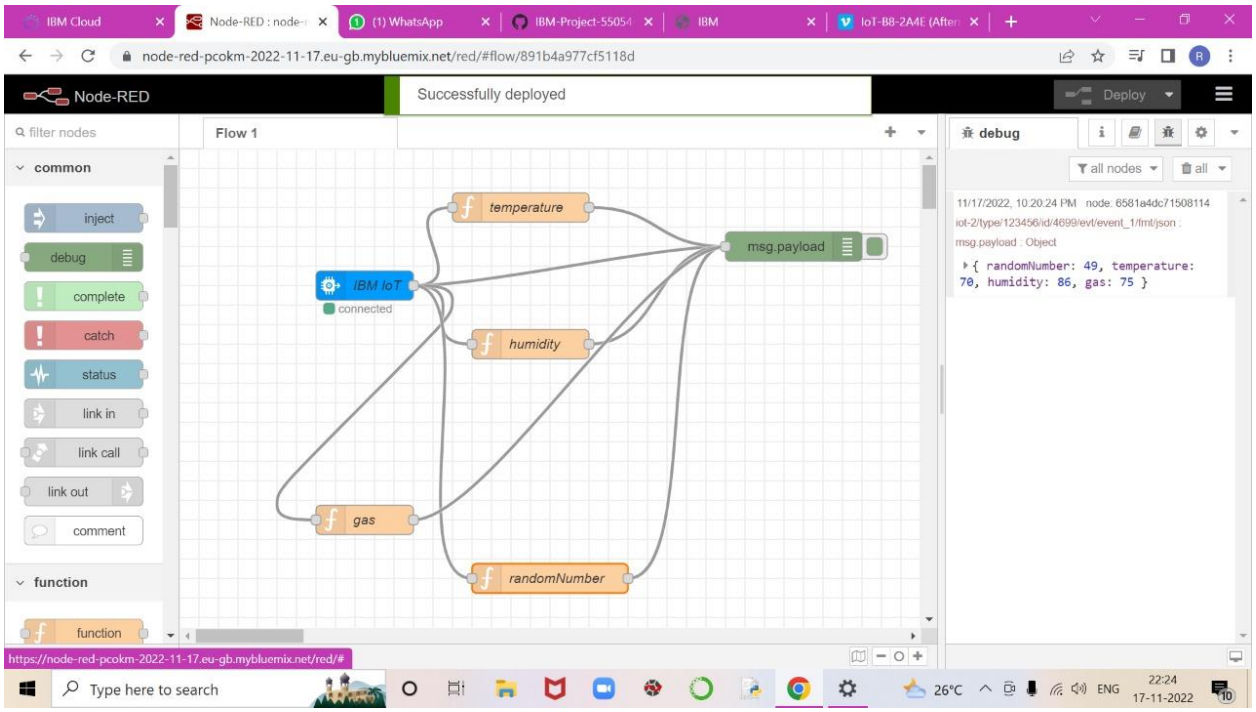

IBM Cloud
Search resources and products...
Catalog
Manage
RITHIKA P's Account
Resource list / App details /
Node RED PCOKM 2022-11-17
Select the deployment target
Configure the DevOps toolchain
Configure the DevOps toolchain
Give your toolchain a name and select the region to create your toolchain in.
DevOps toolchain name
NodeREDPCOKM2022-11-17
Accept the default name, or enter a value up to 100 characters.
Region
London
Back
Create
Getting started with apps
Step 2. Configure the DevOps toolchain
The DevOps toolchain includes a Delivery Pipeline tool where you can check the deployment status, start builds, manage deployment, and view logs and history.
1. Provide a name for your toolchain.
2. Select the region where your toolchain is created.
3. Select the resource group that has access to your new toolchain. Learn more.
4. After you're finished with your selections, click Create.
ASK A QUESTION

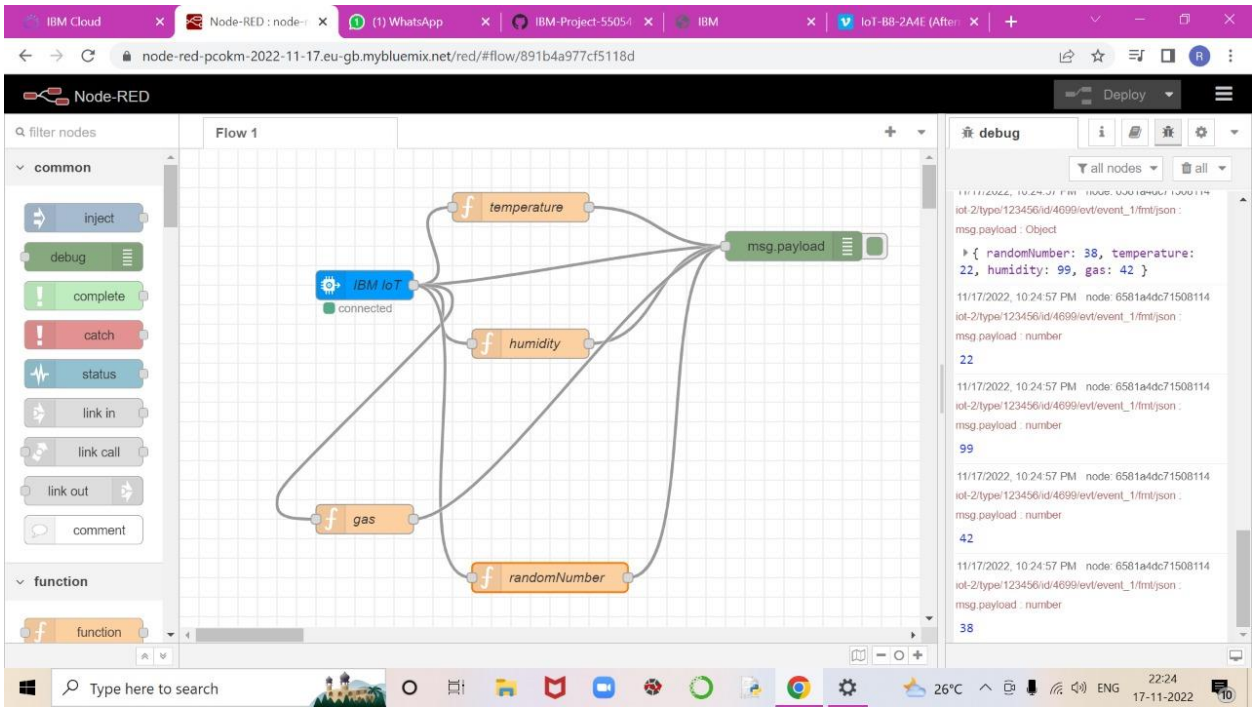

cloud.ibm.com/devops/toolchains/91d9adef-095e-46d4-aa0c-f1979f902d72?env_id=ibm:yp:eu-gb
IBM Cloud
Search resources and products...
Catalog
Manage
RITHIKA P's Account
Resource list / App details /
Node RED PCOKM 2022-11-17
Add tags
Actions...
Details
App URL
You must deploy your app first
Source
https://eu-gb.git.cloud.ibm.com/rithikapandiyan89/NodeREDP...
Resource group
Default
Deployment target
You must deploy your app first
Created
11/17/2022
Services
Cloudant
Open dashboard
Documentation
API reference
Credentials
Deployment Automation
Name
NodeREDPCOKM2022-11-17
Location
London
Tool integrations
Delivery Pipelines
Name
ci-pipeline
Status
Success
Name
pr-pipeline
Status
No stages detected
ASK A QUESTION
Waiting for stats.g.doubleclick.net...
Type here to search
26°C
ENG
19:45
17-11-2022

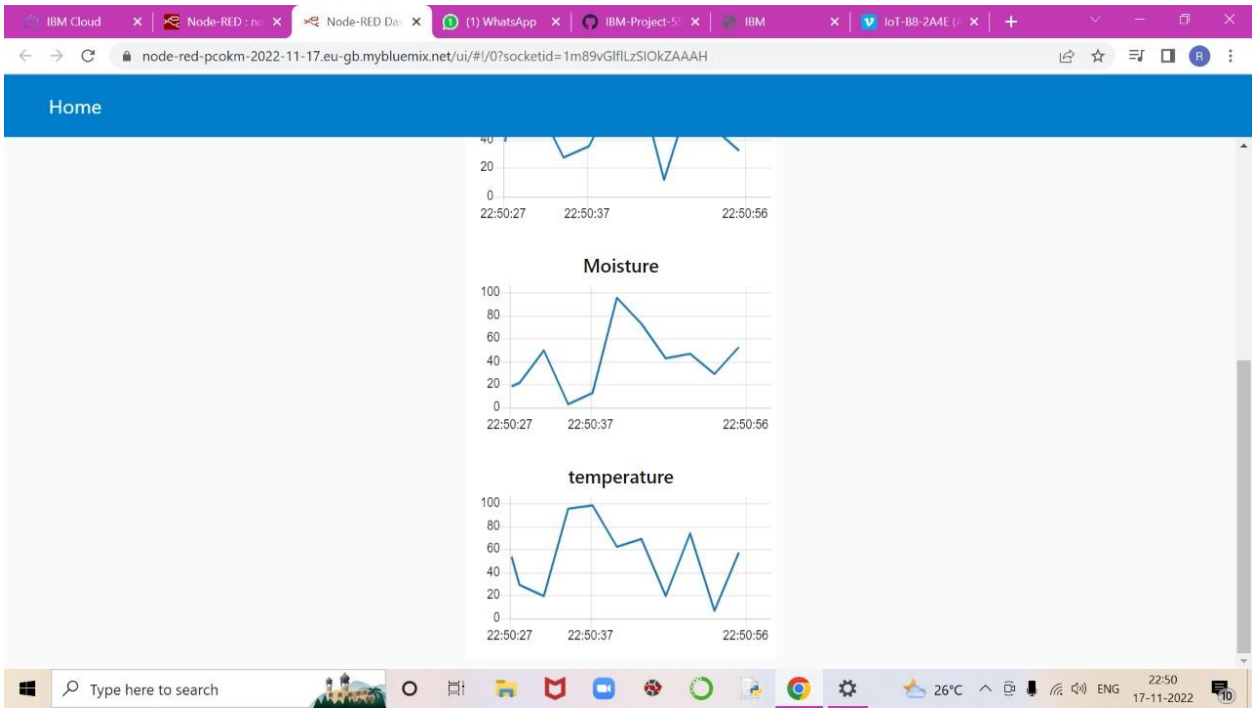

IBM Cloud
Node-RED : node-r
IBM Cloud Account
(1) WhatsApp
Node-RED on IBM
IBM-Project-55054
node-red-pcokm-2022-11-17.eu-gb.mybluemix.net
Node-RED
Flow-based programming for the Internet of Things
Node-RED is a programming tool for wiring together hardware devices, APIs and online services in new and interesting ways.
This instance is running as an IBM Cloud application, giving it access to the wide range of services available on the platform.
More information about Node-RED, including documentation, can be found at nodered.org.
Go to your Node-RED flow editor
Learn how to customise Node-RED
https://node-red-pcokm-2022-11-17.eu-gb.mybluemix.net/red/
Type here to search
26°C
ENG
20:37
17-11-2022

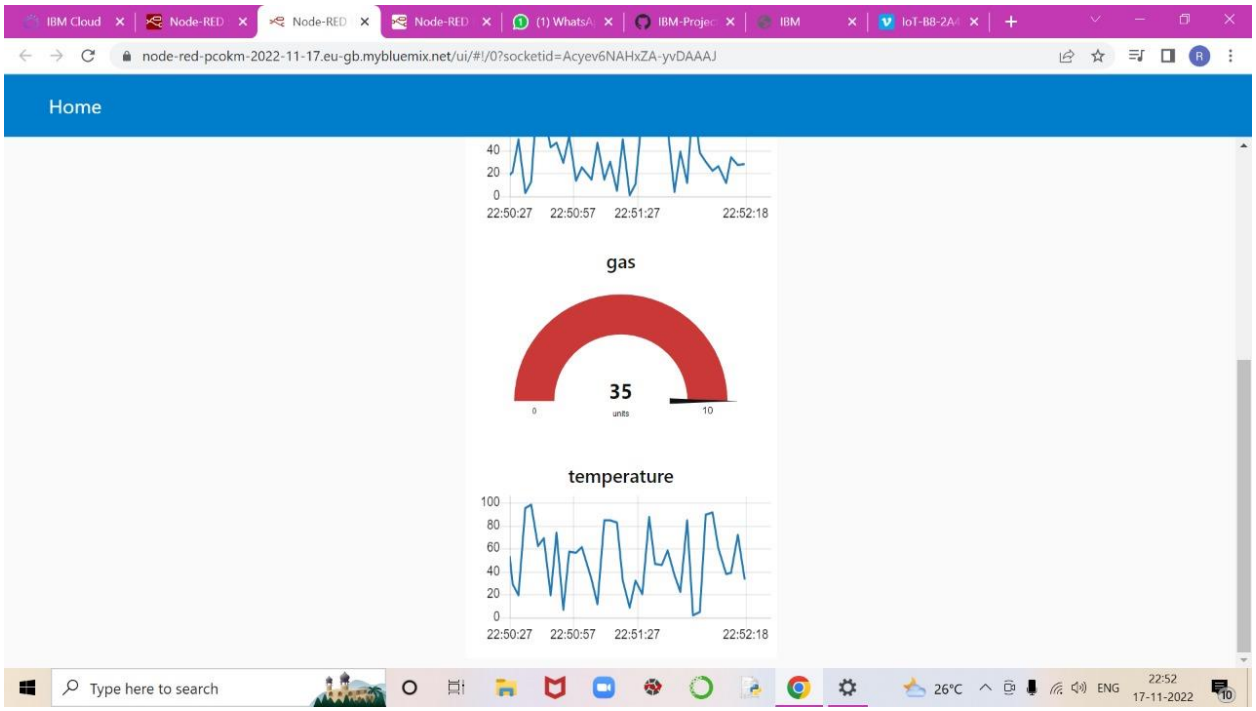

IBM Cloud
Node-RED : node-r
IBM Cloud Account
(1) WhatsApp
Node-RED : node-r
IBM-Project-55054
node-red-pcokm-2022-11-17.eu-gb.mybluemix.net/red/#flow/8caa4f75228fd1f7
Node-RED
Deploy
filter nodes
Flow 1
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
function
Hello Node-RED!
msg.payload
info
Search flows
Flows
Flow 1
Subflows
Global Configuration Nodes
Flow 1
Flow
"8caa4f75228fd1f7"
Pressing enter will edit the first node in the current selection
Type here to search
26°C
ENG
20:37
17-11-2022

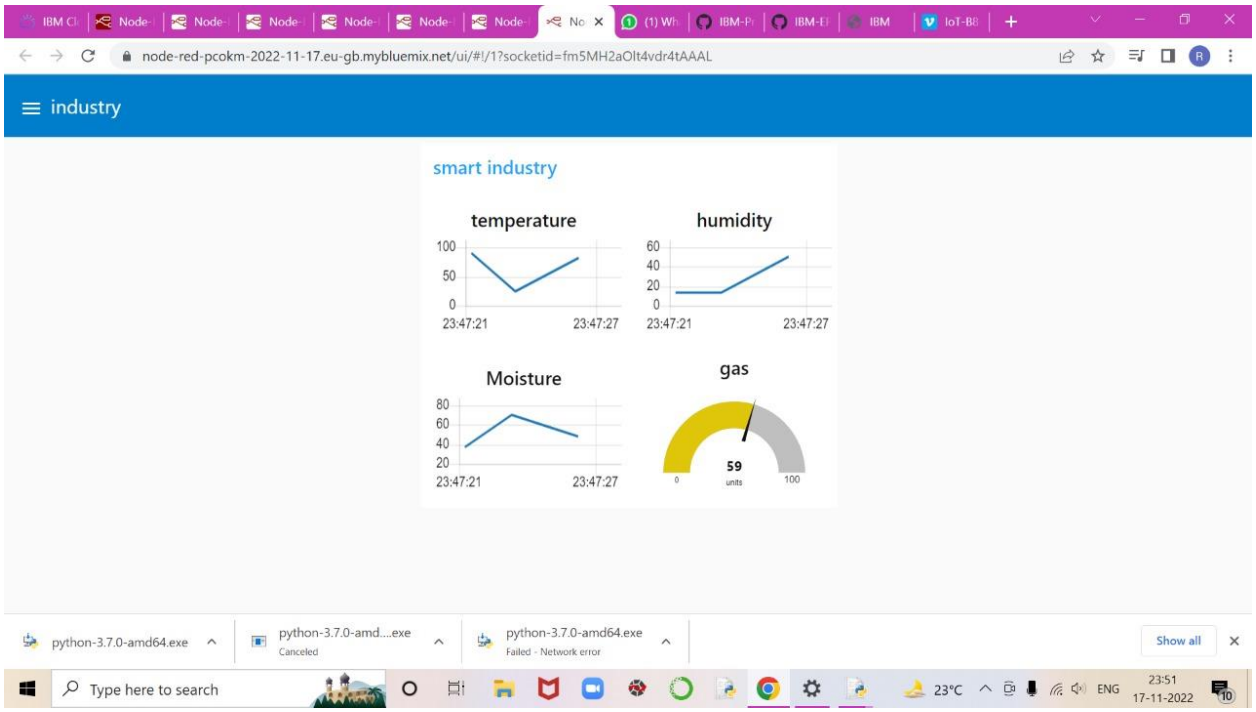

IBM Cloud
Node-RED : node-r
(1) WhatsApp
IBM-Project-55054
IBM
IoT-B8-2A4E (After
node-red-pcokm-2022-11-17.eu-gb.mybluemix.net/red/#flow/891b4a977cf5118d
Node-RED
Deploy
filter nodes
Flow 1
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
function
IBM IoT
connected
msg.payload
debug
all nodes
all
msg.payload : Object
{ temperature: 89, humidity: 93, gas: 45 }
11/17/2022, 10:10:23 PM node: 6581a4dc71508114
iot-2/type/123456/id/4699/evt/event_2/fmt/json :
msg.payload : Object
{ temperature: 28, humidity: 16, gas: 98 }
11/17/2022, 10:13:30 PM node: 6581a4dc71508114
iot-2/type/123456/id/4699/evt/event_1/fmt/json :
msg.payload : Object
{ randomNumber: 89, temperature: 24, humidity: 100, gas: 89 }
11/17/2022, 10:13:32 PM node: 6581a4dc71508114
iot-2/type/123456/id/4699/evt/event_1/fmt/json :
msg.payload : Object
{ randomNumber: 36, temperature: 4, humidity: 2, gas: 7 }
11/17/2022, 10:13:35 PM node: 6581a4dc71508114
iot-2/type/123456/id/4699/evt/event_1/fmt/json :
msg.payload : Object
Type here to search
26°C
ENG
22:13
17-11-2022

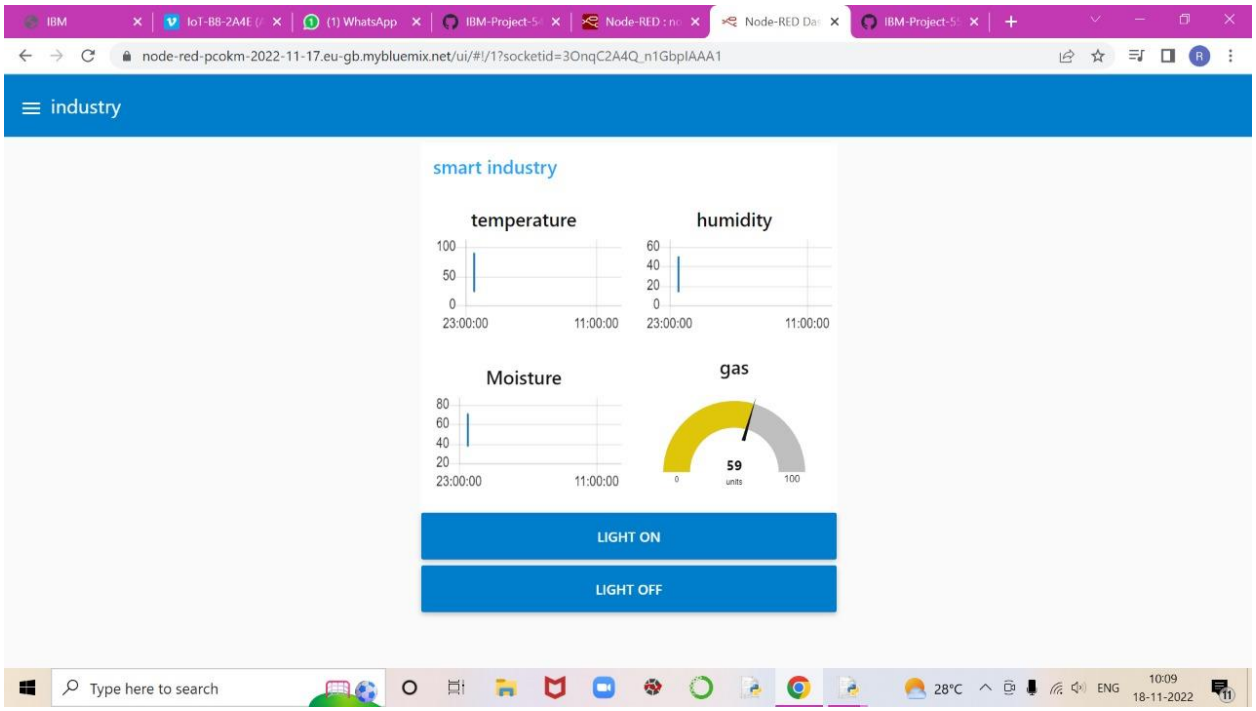

IBM Cloud
Node-RED : node-r
(1) WhatsApp
IBM-Project-55054
IBM
IoT-B8-2A4E (After
node-red-pcokm-2022-11-17.eu-gb.mybluemix.net/red/#flow/891b4a977cf5118d
Node-RED
Successfully deployed
Deploy
filter nodes
Flow 1
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
function
temperature
IBM IoT
connected
humidity
gas
randomNumber
msg.payload
debug
all nodes
all
11/17/2022, 10:20:24 PM node: 6581a4dc71508114
iot-2/type/123456/id/4699/evt/event_1/fmt/json :
msg.payload : Object
{ randomNumber: 49, temperature: 70, humidity: 86, gas: 75 }
https://node-red-pcokm-2022-11-17.eu-gb.mybluemix.net/red/#
Type here to search
26°C
ENG
22:24
17-11-2022


IBM Cloud
Node-RED : node-r
(1) WhatsApp
IBM-Project-55054
IBM
IoT-B8-2A4E (After
node-red-pcokm-2022-11-17.eu-gb.mybluemix.net/red/#flow/891b4a977cf5118d
Node-RED
Deploy
filter nodes
Flow 1
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
function
temperature
msg.payload
IBM IoT
connected
humidity
gas
randomNumber
debug
all nodes
all
iot-2/type/123456/id/4699/evt/event_1/fmt/json :
msg.payload : Object
{ randomNumber: 38, temperature: 22, humidity: 99, gas: 42 }
11/17/2022, 10:24:57 PM node: 6581a4dc71508114
iot-2/type/123456/id/4699/evt/event_1/fmt/json :
msg.payload : number
22
11/17/2022, 10:24:57 PM node: 6581a4dc71508114
iot-2/type/123456/id/4699/evt/event_1/fmt/json :
msg.payload : number
99
11/17/2022, 10:24:57 PM node: 6581a4dc71508114
iot-2/type/123456/id/4699/evt/event_1/fmt/json :
msg.payload : number
42
11/17/2022, 10:24:57 PM node: 6581a4dc71508114
iot-2/type/123456/id/4699/evt/event_1/fmt/json :
msg.payload : number
38
Type here to search
26°C
ENG
22:24
17-11-2022


IBM Cloud
Node-RED : no
Node-RED Das
(1) WhatsApp
IBM-Project-5
IBM
IoT-B8-2A4E (A
node-red-pcokm-2022-11-17.eu-gb.mybluemix.net/ui/#!/0?socketid=1m89vGlflLzSIOkZAAAH
Home
40
20
0
22:50:27
22:50:37
22:50:56
Moisture
100
80
60
40
20
0
22:50:27
22:50:37
22:50:56
temperature
100
80
60
40
20
0
22:50:27
22:50:37
22:50:56
Type here to search
26°C
ENG
22:50
17-11-2022


node-red-pcokm-2022-11-17.eu-gb.mybluemix.net/ui/#!/0?socketid=Acyev6NAHxZA-yvDAAAJ
Home
40
20
0
22:50:27
22:50:57
22:51:27
22:52:18
gas
35
units
0
10
temperature
100
80
60
40
20
0
22:50:27
22:50:57
22:51:27
22:52:18
Type here to search
26°C
ENG
22:52
17-11-2022


node-red-pcokm-2022-11-17.eu-gb.mybluemix.net/ui/#!/1?socketid=fm5MH2aOlt4vdr4tAAAL
industry
smart industry
temperature
100
50
0
23:47:21
23:47:27
humidity
60
40
20
0
23:47:21
23:47:27
Moisture
80
60
40
20
23:47:21
23:47:27
gas
59
units
0
100
python-3.7.0-amd64.exe
python-3.7.0-amd....exe
Canceled
python-3.7.0-amd64.exe
Failed - Network error
Show all
Type here to search
23°C
ENG
23:51
17-11-2022


node-red-pcokm-2022-11-17.eu-gb.mybluemix.net/ui/#!/1?socketid=3OnqC2A4Q_n1GbpIAAA1
industry
smart industry
temperature
100
50
0
23:00:00
11:00:00
humidity
60
40
20
0
23:00:00
11:00:00
Moisture
80
60
40
20
23:00:00
11:00:00
gas
59
units
0
100
LIGHT ON
LIGHT OFF
Type here to search
28°C
ENG
10:09
18-11-2022