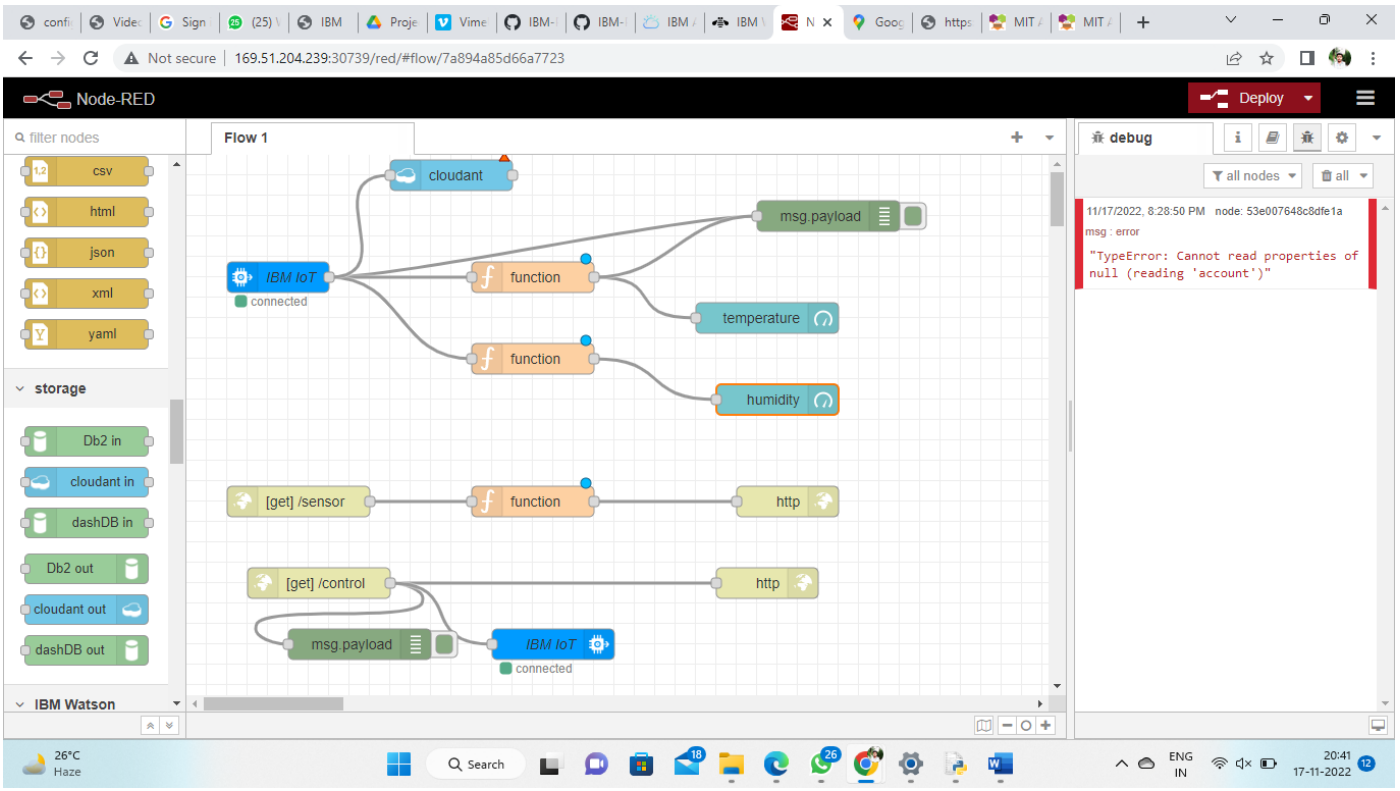
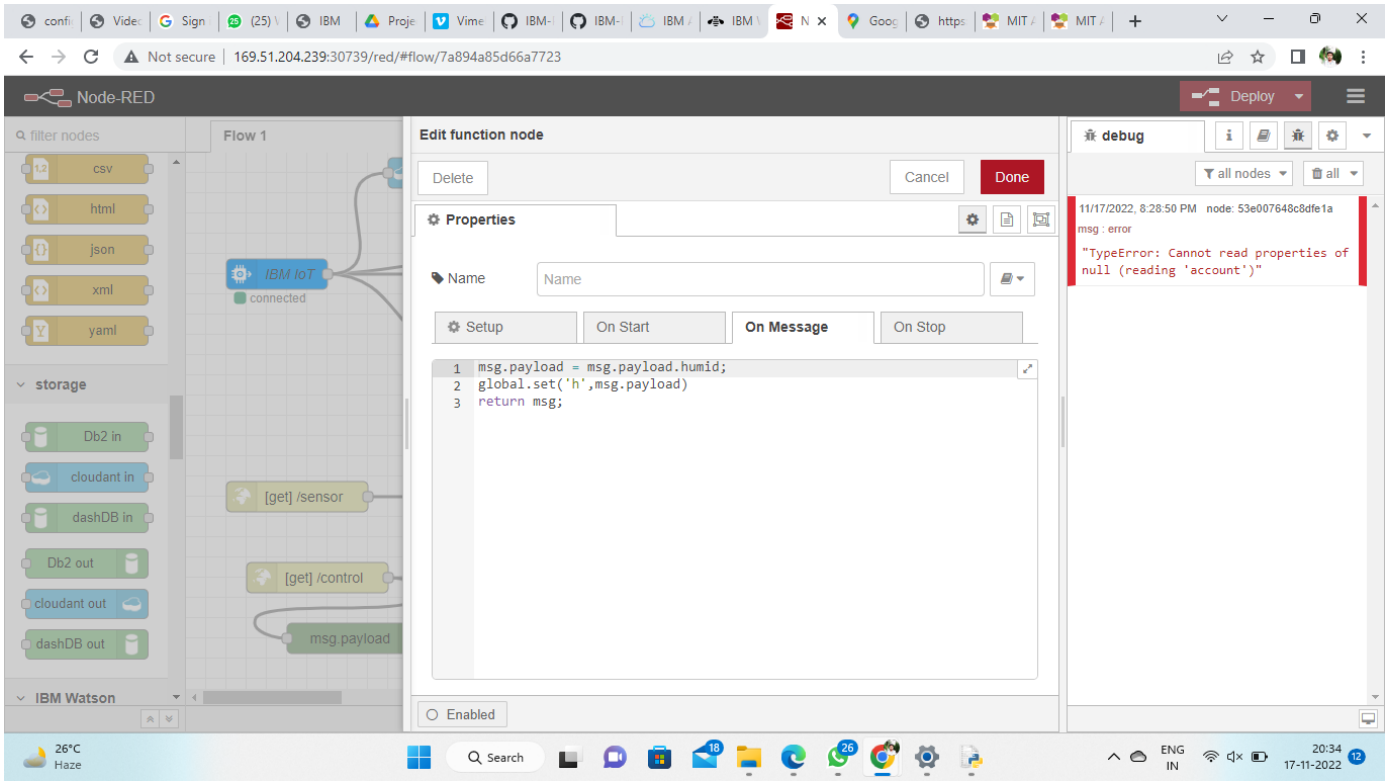
Develop The Web Application Using Node-RED

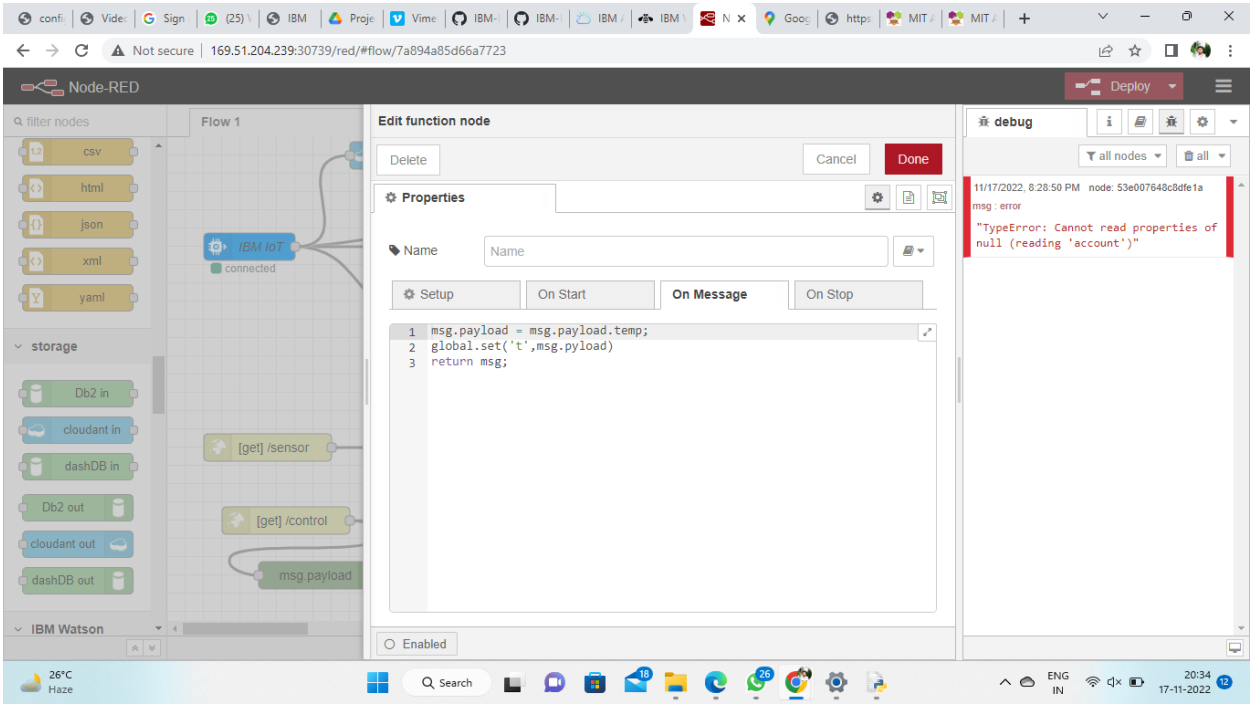
Date	17 November 2022
Team Id	PNT2022TMID28572
Title	Hazardous Area Monitoring for Industrial Plant using IoT

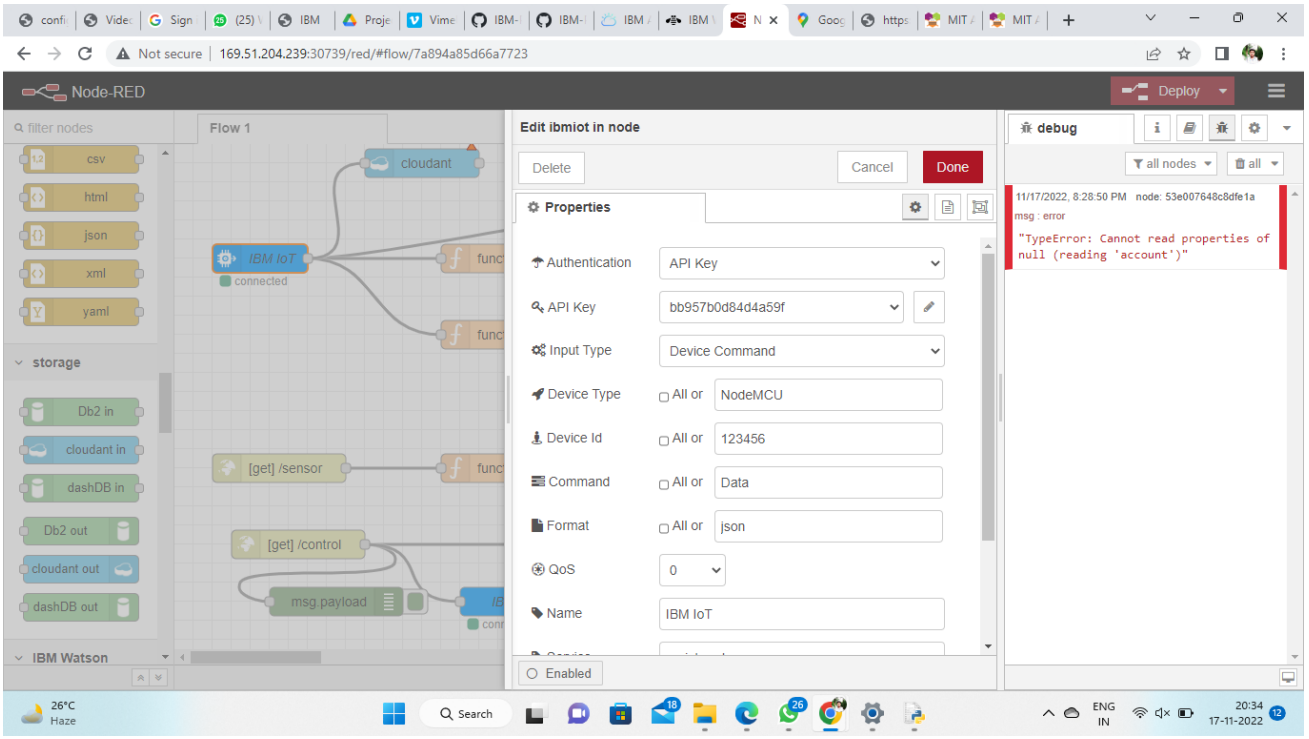
Node red flow



Function blocks




Not secure | 169.51.204.239:30739/red/#flow/7a894a85d66a7723
Node-RED
Deploy
Flow 1
Edit function node
Delete
Cancel
Done
Properties
Name
Setup
On Start
On Message
On Stop
1 msg.payload = msg.payload.temp;
2 global.set('t',msg.pyload)
3 return msg;
Enabled
debug
all nodes
all
11/17/2022, 8:28:50 PM node: 53e007648c8dfe1a
msg : error
"TypeError: Cannot read properties of null (reading 'account')"
csv
html
json
xml
yaml
storage
Db2 in
cloudant in
dashDB in
Db2 out
cloudant out
dashDB out
IBM Watson
IBM IoT
connected
[get] /sensor
[get] /control
msg.payload
26°C
Haze
Search
ENG
IN
20:34
17-11-2022


Not secure | 169.51.204.239:30739/red/#flow/7a894a85d66a7723
Node-RED
Deploy
Flow 1
Edit ibmiot in node
Delete
Cancel
Done
Properties
Authentication
API Key
API Key
bb957b0d84d4a59f
Input Type
Device Command
Device Type
All or
NodeMCU
Device Id
All or
123456
Command
All or
Data
Format
All or
json
QoS
0
Name
IBM IoT
Enabled
debug
all nodes
all
11/17/2022, 8:28:50 PM node: 53e007648c8dfe1a
msg : error
"TypeError: Cannot read properties of null (reading 'account')"
csv
html
json
xml
yaml
storage
Db2 in
cloudant in
dashDB in
Db2 out
cloudant out
dashDB out
IBM Watson
cloudant
IBM IoT
connected
[get] /sensor
[get] /control
msg.payload
26°C
Haze
Search
ENG
IN
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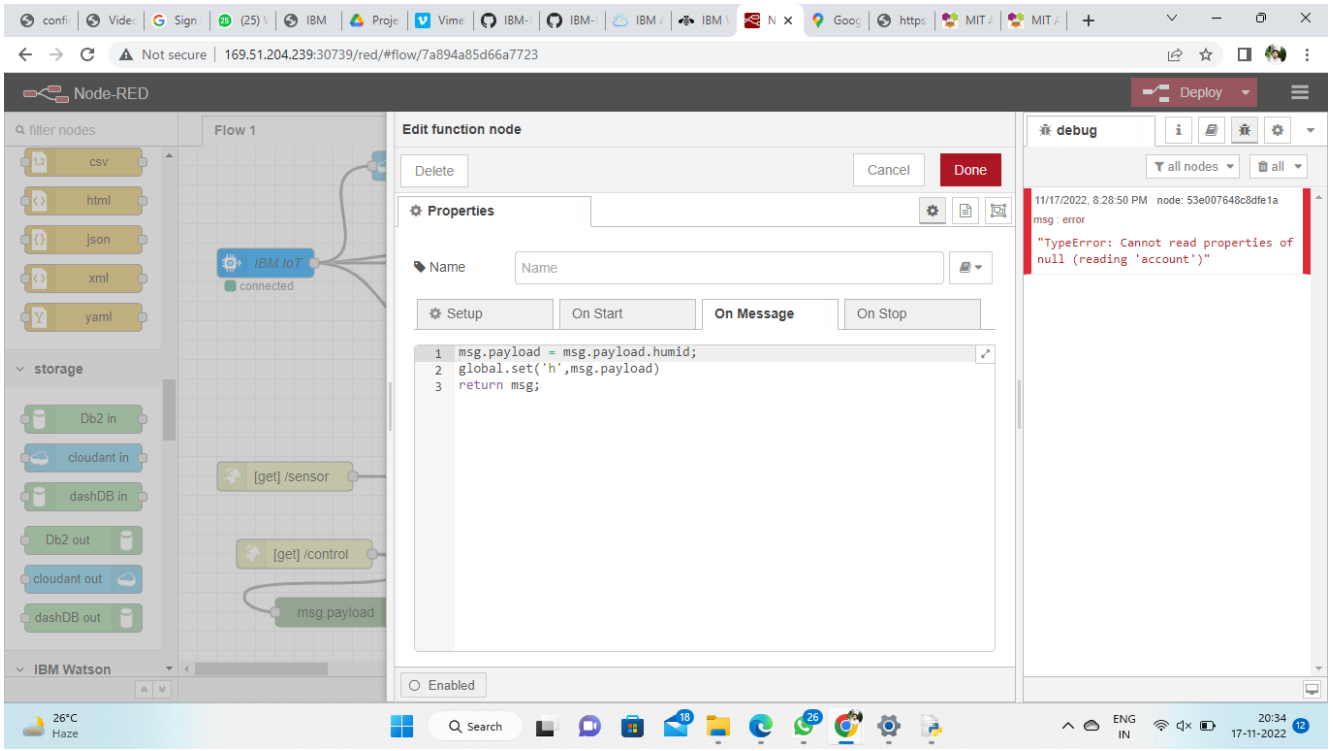
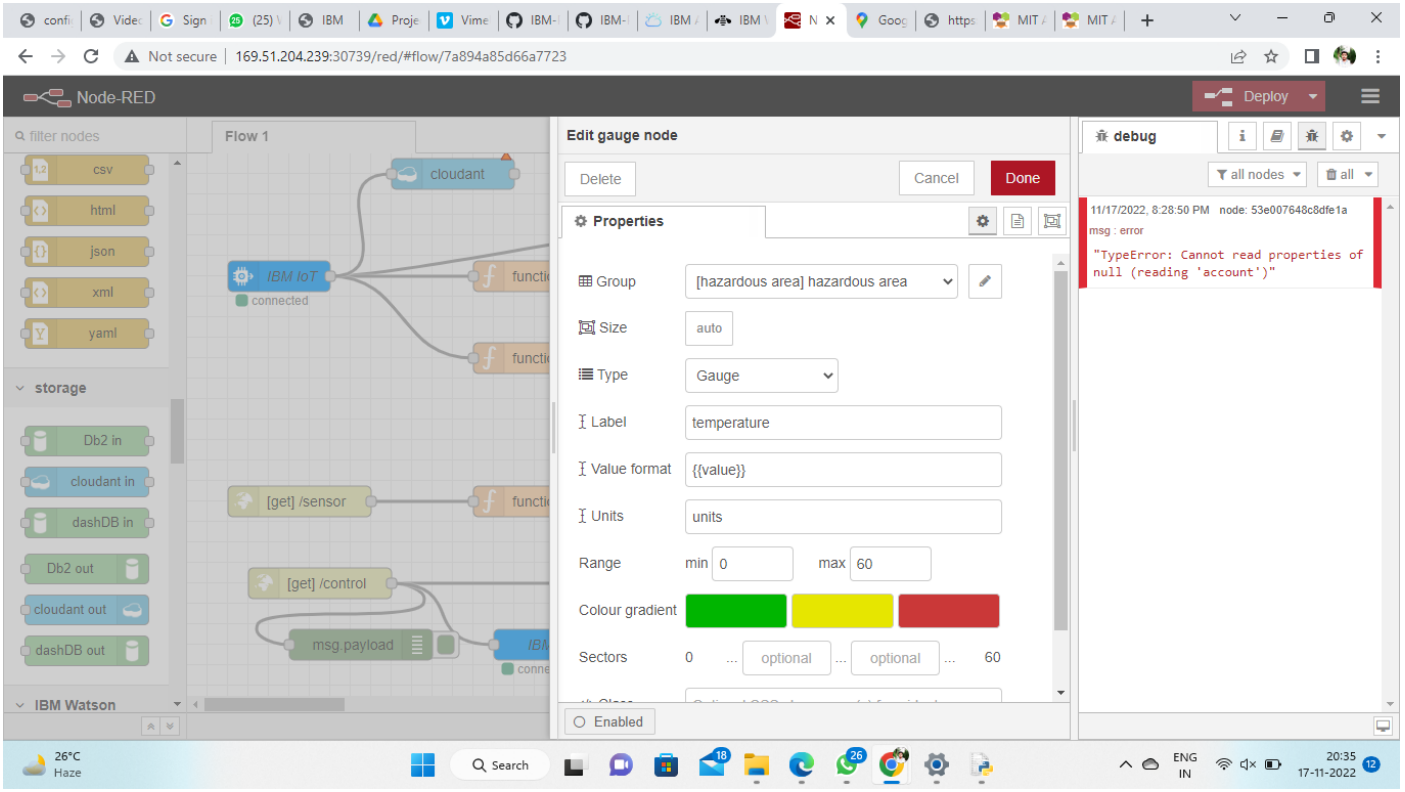
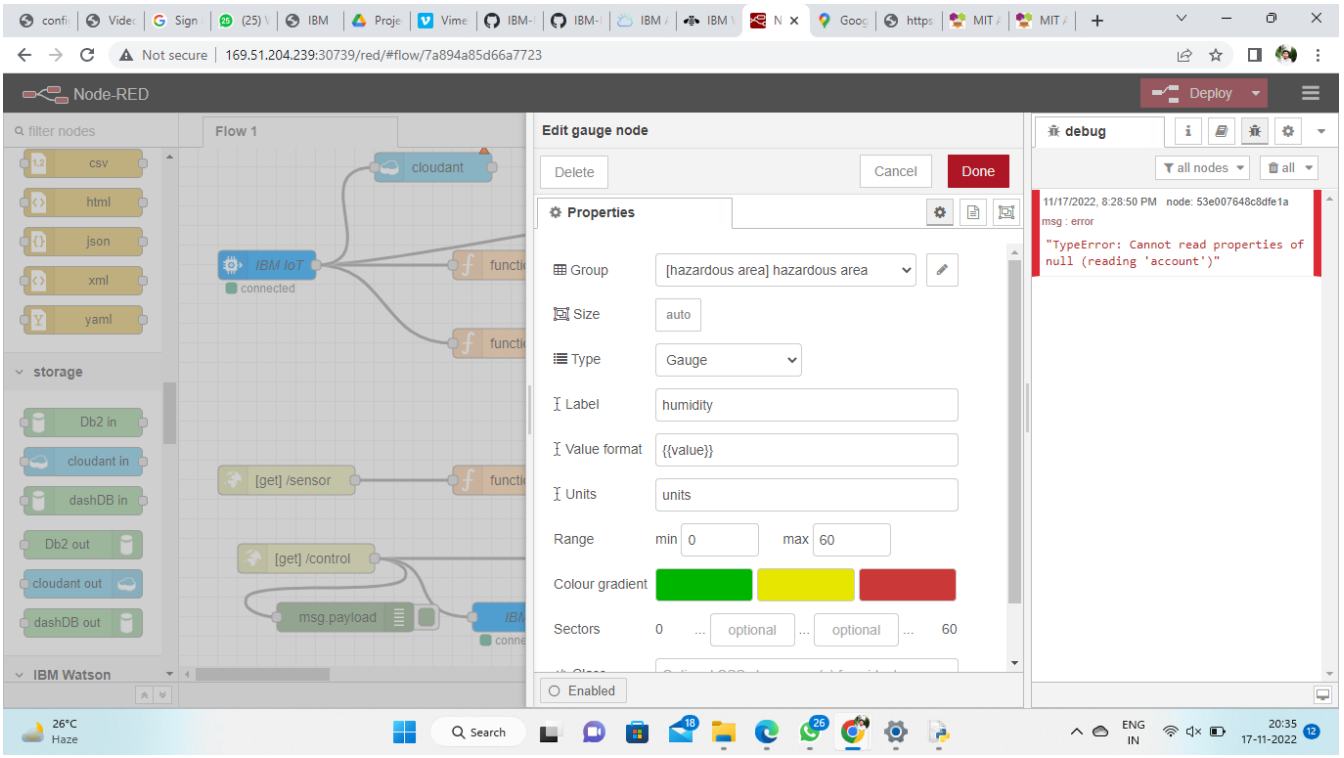
17-11-2022


Not secure | 169.51.204.239:30739/red/#flow/7a894a85d66a7723
Node-RED
Deploy
Flow 1
Edit function node
Delete
Cancel
Done
Properties
Name
Setup
On Start
On Message
On Stop
1 msg.payload = msg.payload.humid;
2 global.set('h',msg.payload)
3 return msg;
Enabled
debug
all nodes
all
11/17/2022, 8:28:50 PM node: 53e007648c8dfe1a
msg : error
"TypeError: Cannot read properties of null (reading 'account')"
csv
html
json
xml
yaml
storage
Db2 in
cloudant in
dashDB in
Db2 out
cloudant out
dashDB out
IBM Watson
IBM IoT
connected
[get] /sensor
[get] /control
msg.payload
26°C
Haze
Search
ENG
IN
20:34
17-11-2022


Not secure | 169.51.204.239:30739/red/#flow/7a894a85d66a7723
Node-RED
Deploy
Flow 1
Edit gauge node
Delete
Cancel
Done
Properties
Group
[hazardous area] hazardous area
Size
auto
Type
Gauge
Label
temperature
Value format
{{value}}
Units
units
Range
min 0
max 60
Colour gradient
Sectors
0
optional
optional
60
Enabled
debug
all nodes
all
11/17/2022, 8:28:50 PM node: 53e007648c8dfe1a
msg : error
"TypeError: Cannot read properties of null (reading 'account')"
cloudant
IBM IoT
connected
[get] /sensor
[get] /control
msg.payload
IBM Watson
26°C
Haze
Search
ENG
IN
20:35
17-11-2022


Not secure 169.51.204.239:30739/red/#flow/7a894a85d66a7723
Node-RED
Deploy
filter nodes
Flow 1
csv
html
json
xml
yaml
storage
Db2 in
cloudant in
dashDB in
Db2 out
cloudant out
dashDB out
IBM Watson
cloudant
IBM IoT
connected
[get] /sensor
[get] /control
msg.payload
Edit gauge node
Delete
Cancel
Done
Properties
Group
[hazardous area] hazardous area
Size
auto
Type
Gauge
Label
humidity
Value format
{{value}}
Units
units
Range
min 0
max 60
Colour gradient
Sectors
0
optional
optional
60
Enabled
debug
all nodes
all
11/17/2022, 8:28:50 PM node: 53e007648c8dfe1a
msg : error
"TypeError: Cannot read properties of null (reading 'account')"
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Search
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