

Browse Devices

All Devices

Diagnose

This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using different criteria. To get started, you can add devices by using the Add Device button, or by using API.

Search by Device ID

	Device ID	Status	Device Type	Class ID	Device ID
>	0922	Disconnected	Nodemcu	Device	10
>	092224	Disconnected	Nodemcu	Device	18

Items per page 50 | 1-2 of 2 Items

Device Type: Nodemcu

Events 1

New event type +

Event type name event_1

Send

Schedule

20

Every Minute

Payload

Specify the event payload in the editor window or by uploading a CSV file.

```
0 {
1   "Temperature": random(0, 100),
2   "Humidity": random(0, 100),
3   "Pressure": random(0, 100),
4   "water": random(0, 100)
5 }
6
```

Cancel

Save

filter nodes

common

- inject
- debug
- complete
- catch
- status
- link in
- link call
- link out
- comment

function

- function
- switch
- change

IBM IoT

connected

[get] /sensor

httpfunction node

on

off

msg.payload

Edit ibmiot in node

Delete Cancel Done

Properties

- Authentication: API Key
- API Key: 13c7f84adab84948
- Input Type: Device Event
- Device Type: ☐ All or Nodemcu
- Device Id: ☐ All or 0922
- Event: ☒ All or event type e.g. status
- Format: ☐ All or json
- QoS: 0
- Name: IBM IoT
- Service: registered

Use the Input Type property to configure this node to receive Events

debug

all nodes all

Pressure: 40, water: 71 }

11/18/2022, 4:01:22 PM node: a834c162a085d874
iot-2/type/Nodemcu/d/0922/evt/event_1/fmt/json :
msg.payload : Object

{ Temperature: 92, Humidity: 64,
Pressure: 43, water: 51 }

11/18/2022, 4:01:24 PM node: a834c162a085d874
iot-2/type/Nodemcu/d/0922/evt/event_1/fmt/json :
msg.payload : Object

{ Temperature: 5, Humidity: 92,
Pressure: 73, water: 14 }

11/18/2022, 4:01:27 PM node: a834c162a085d874
iot-2/type/Nodemcu/d/0922/evt/event_1/fmt/json :
msg.payload : Object

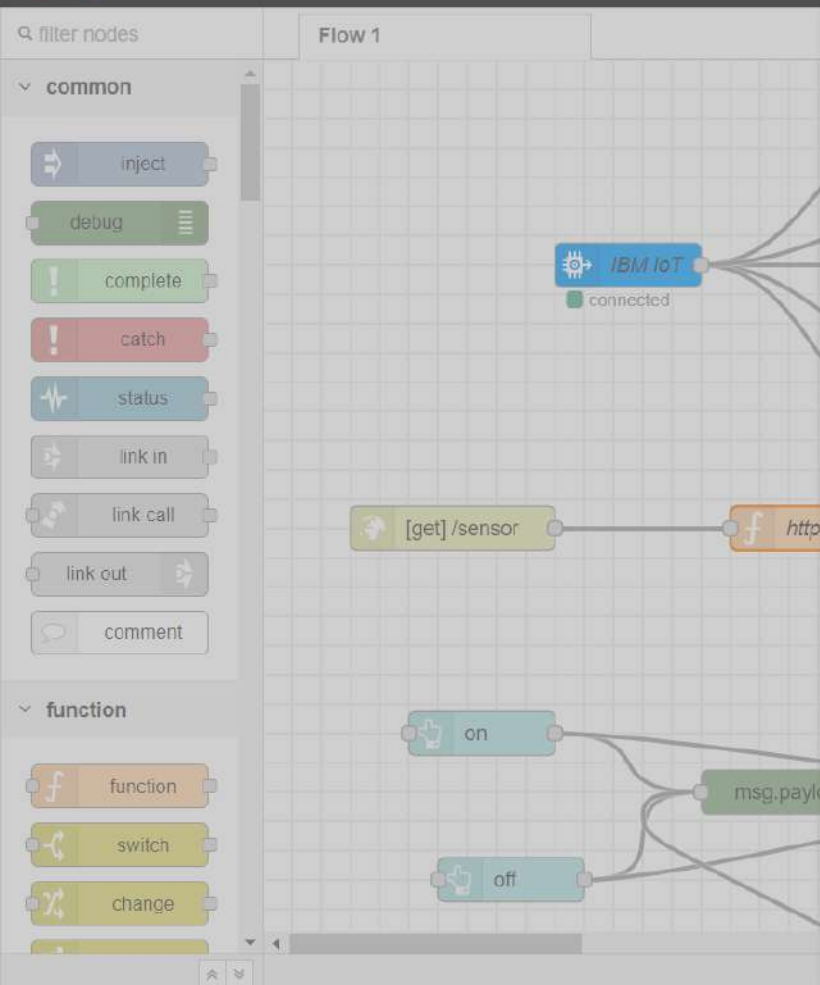
{ Temperature: 21, Humidity: 6,
Pressure: 85, water: 69 }

11/18/2022, 4:01:30 PM node: a834c162a085d874
iot-2/type/Nodemcu/d/0922/evt/event_1/fmt/json :
msg.payload : Object

{ Temperature: 65, Humidity: 93,
Pressure: 65, water: 3 }

11/18/2022, 4:01:35 PM node: a834c162a085d874
iot-2/type/Nodemcu/d/0922/evt/event_1/fmt/json :
msg.payload : Object

{ Temperature: 35, Humidity: 5,
Pressure: 83, water: 1 }



Edit function node

Delete Cancel Done

Properties

Name: httpfunction node

Setup On Start On Message On Stop

```
1 msg.payload={"Temperature":global.get("t"),"Humidity":global.get("h")}
2 return msg;
```

Enabled

debug

all nodes all

Pressure: 65, water: 3 }

11/18/2022, 4:01:35 PM node: a834c162a085d874
iot-2/type/Nodemcu/id/0922/evt/event_1/fmt/json :
msg.payload : Object

{ Temperature: 35, Humidity: 5, Pressure: 83, water: 1 }

11/18/2022, 4:01:38 PM node: a834c162a085d874
iot-2/type/Nodemcu/id/0922/evt/event_1/fmt/json :
msg.payload : Object

{ Temperature: 23, Humidity: 14, Pressure: 99, water: 65 }

11/18/2022, 4:01:41 PM node: a834c162a085d874
iot-2/type/Nodemcu/id/0922/evt/event_1/fmt/json :
msg.payload : Object

{ Temperature: 96, Humidity: 58, Pressure: 50, water: 21 }

11/18/2022, 4:01:44 PM node: a834c162a085d874
iot-2/type/Nodemcu/id/0922/evt/event_1/fmt/json :
msg.payload : Object

{ Temperature: 77, Humidity: 59, Pressure: 4, water: 16 }

11/18/2022, 4:01:47 PM node: a834c162a085d874
iot-2/type/Nodemcu/id/0922/evt/event_1/fmt/json :
msg.payload : Object

{ Temperature: 87, Humidity: 13, Pressure: 59, water: 97 }



node-red-hpzoe-2022-11-15.eu-gb.mybluemix.net/red/#flow/061a2166fca0a7d8

OCSQDE APS_Login Gmail YouTube Maps

Node-RED Deploy

filter nodes

common

inject

debug

complete

catch

status

link in

link call

link out

comment

function

function

switch

change

Flow 1

Edit ibmiot out node

Delete Cancel Done

Properties

Authentication

API Key

13c7f84adab84948

Output Type

Device Command

Device Type

Nodemcu

Device Id

0922

Command Type

command

Format

String

Data

1

QoS

0

Name

IBM IoT

Service

registered

Enabled

debug

all nodes

all

Pressure: 50, water: 21 }

11/18/2022, 4:01:44 PM node: a834c162a085d874
iot-2/type/Nodemcu/d/0922/evt/event_1/fmt/json :
msg.payload : Object
{ Temperature: 77, Humidity: 59, Pressure: 4, water: 16 }

11/18/2022, 4:01:47 PM node: a834c162a085d874
iot-2/type/Nodemcu/d/0922/evt/event_1/fmt/json :
msg.payload : Object
{ Temperature: 87, Humidity: 13, Pressure: 59, water: 97 }

11/18/2022, 4:01:50 PM node: a834c162a085d874
iot-2/type/Nodemcu/d/0922/evt/event_1/fmt/json :
msg.payload : Object
{ Temperature: 6, Humidity: 9, Pressure: 4, water: 4 }

11/18/2022, 4:01:53 PM node: a834c162a085d874
iot-2/type/Nodemcu/d/0922/evt/event_1/fmt/json :
msg.payload : Object
{ Temperature: 95, Humidity: 56, Pressure: 79, water: 57 }

11/18/2022, 4:01:56 PM node: a834c162a085d874
iot-2/type/Nodemcu/d/0922/evt/event_1/fmt/json :
msg.payload : Object
{ Temperature: 86, Humidity: 40, Pressure: 61, water: 31 }

29°C Search ENG 16:02

Palette

Search Components...

User Interface

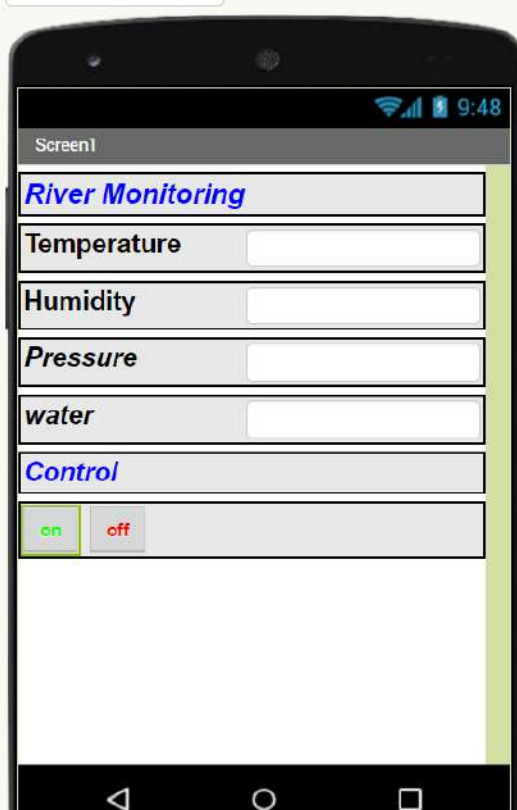
- Button
- CheckBox
- DatePicker
- Image
- Label
- ListPicker
- ListView
- Notifier
- PasswordTextBox
- Slider
- Spinner
- Switch
- TextBox
- TimePicker
- WebView

Layout

Viewer

☐ Display hidden components in Viewer

Phone size (505,320)



Screen1

River Monitoring

Temperature

Humidity

Pressure

water

Control

on off

Components

- Screen1
 - HorizontalArrangemen
 - Label1
 - HorizontalArrangemen
 - Label2
 - TextBox1
 - HorizontalArrangemen
 - Label3
 - TextBox2
 - HorizontalArrangemen
 - Label5
 - TextBox3
 - HorizontalArrangemen
 - Label6
 - TextBox4
 - HorizontalArrangemen
 - Label4

Rename Delete

Media

Upload File ...

Properties

Button1

BackgroundColor

Default

Enabled

☒

FontBold

☒

FontItalic

☐

FontSize

14.0

FontTypeface

default

Height

Automatic...

Width

Automatic...

Image

None...

Shape

default

ShowFeedback

☒

Text



Blocks

Built-in

- Control
- Logic
- Math
- Text
- Lists
- Dictionaries
- Colors
- Variables
- Procedures

Screen1

- HorizontalArrangemen
 - Label1
- HorizontalArrangemen
 - Label2
- HorizontalArrangemen
 - TextBox1
- HorizontalArrangemen

Rename Delete

Media

Upload File ...

Viewer

```
when Clock1 - Timer
do
  set Web1 - Uri to https://node-red-hzoe-2022-11-15-eu-gb.mybluem...
  call Web1 - Get

when Web1 - GotText
do
  set TextBox1 - Text to look up in pairs key Temperature
  pairs call Web1 - JsonTextDecode jsonText get responseContent
  soFound not found
  set TextBox2 - Text to look up in pairs key Humidity
  pairs call Web1 - JsonTextDecode jsonText get responseContent
  soFound not found
  set TextBox3 - Text to look up in pairs key Pressure
  pairs call Web1 - JsonTextDecode jsonText get responseContent
  soFound not found
  set TextBox4 - Text to look up in pairs key waist
  pairs call Web1 - JsonTextDecode jsonText get responseContent
  soFound not found

when Button1 - Click
do
  set Web2 - Uri to https://node-red-hzoe-2022-11-15-eu-gb.mybluem...
  call Web2 - Get

when Button2 - Click
do
  set Web2 - Uri to https://node-red-hzoe-2022-11-15-eu-gb.mybluem...
  call Web2 - Get
```

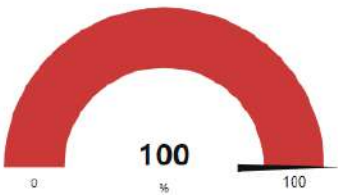
0 0

Show Warnings

control

humidity monitoring

Humidity



ON

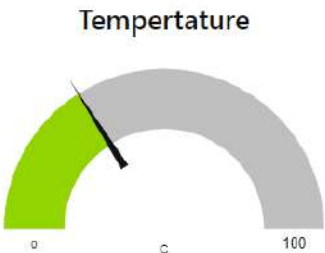
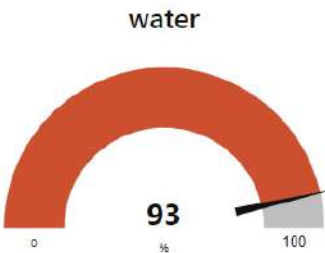
OFF

pressure



water

control



node-red-hpzoe-2022-11-15.eu-gb.mybluemix.net/sensor

{ "Temperature":3,"Humidity":98,"water":67,"Pressure":73}

29°C
Haze

Search

ENG
IN 16:04
18-11-2022