



WiBASE
Industrial Solutions



SOP for WiZAVIU Server and Client

V1.5

2022/07/05

W



Chapters

1. [WiZAVIU On-Premise Solution Product Briefing](#) (Page 3)
2. [Preparation](#) (Page 4)
3. [WiZAVIU Server Installation](#) (Page 5)
4. [WiZAVIU Server Setup and Login](#) (Page 22)
5. [Salute Device I/O](#) (Page 37)
6. [WiZAVIU Client Setup and Login on Salute](#) (Page 38)
7. [WiZAVIU Client Push To Talk](#) (Page 63)
8. [WiZAVIU Live Streaming](#) (Page 66)

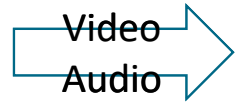
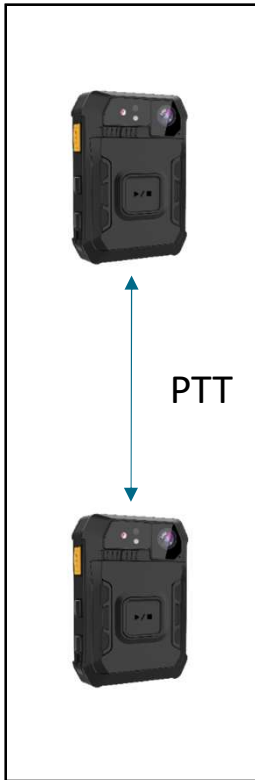


WiZAVIU On-Premise Solution Briefing

WiZAVIU On-Premise Software

WiSalute App

- WebRTC Media Server IP
- RTSP Server IP
- RTSP Endpoint Name
- Nx Server IP / Port





Preparation

- **Laptop/Desktop PC for server – WiZAVIU Server**
 - With Windows_10 installed.
 - Fixed IP setup complete
- **Laptop/Desktop PC for client – WiZAVIU Client**
 - With Windows_10 installed
 - Wi-Fi connection supported
 - Network connection to the Fixed IP network supported
- **Salute Device**
 - NX version of FW + APP – V0.5.3.04N+APP_V0.8.3 or newer
- **Tools**
 - Notepad++
 - Docker
 - WiZAVIU On-Premise Installation File
- **Note**
 - WiZAVIU Server setup fixed IP for server config file when server installation is completed(Page24)
 - Fixed IP also for Salute device and WiZAVIU Client to connect to server
 - WZAVIU Client required Wi-Fi to connect & setup Salute Device(Page 35-39)

WIZAVIU Server - Notepad++ : Download

Notepad++ 8.3.3 (Make Apps, × +)

notepad-plus-plus.org/downloads/v8.3.3/

Release Date: 2022-03-15

Download 64-bit x64

Current Version 8.3.3

- Home
- Download
- News
- Online Help
- Resources
- RSS
- Donate
- Author

DOWNLOAD

npp.8.3.3.Installer.x64.exe

Browser open web

<https://notepad-plus-plus.org/downloads/v8.3.3/>

and click “DOWNLOAD”

WiZAVIU Server - Notepad++ : Installation

1



Double click installer

2



Choose a language and click OK

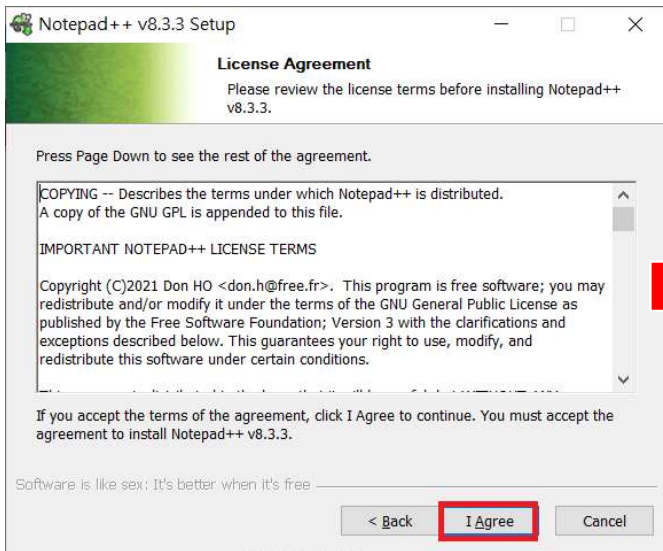
3



Click Next

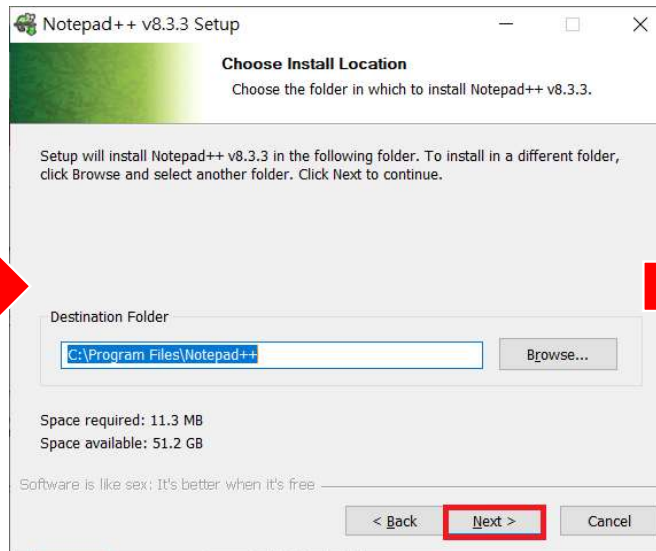
WiZAVIU Server - Notepad++ : Installation

1



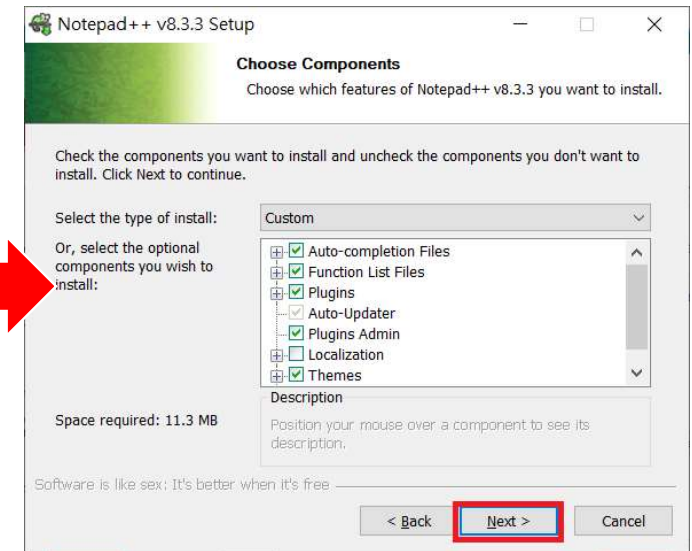
Click I Agree

2



Click Next

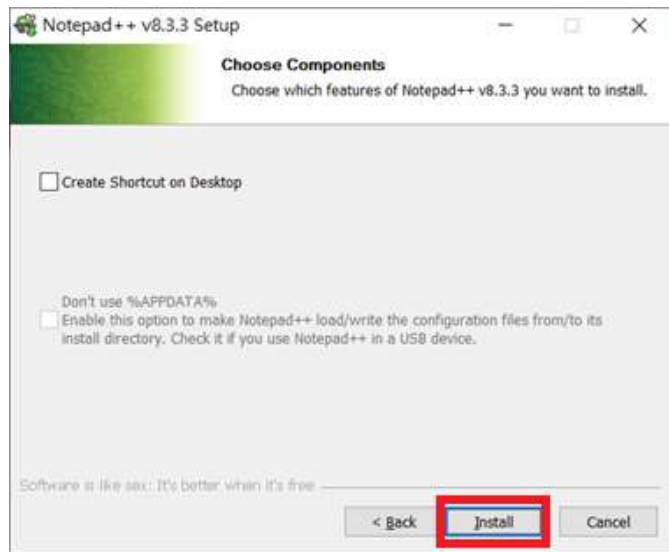
3



Click Next

WiZAVIU Server - Notepad++ : Installation

1

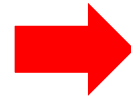


Click Install

2



Click Finish





WiZAVIU Server - Docker Download

Developers - Docker x +

docker.com/get-started/

Get Started with Docker

We have a complete container solution for you – no matter who you are and where you are on your containerization journey.

Docker Desktop
Developer productivity tools and a local Kubernetes environment.

Download for Windows

Docker Hub
Cloud-based application registry and development team collaboration services.

Signup

Docker Desktop Installer

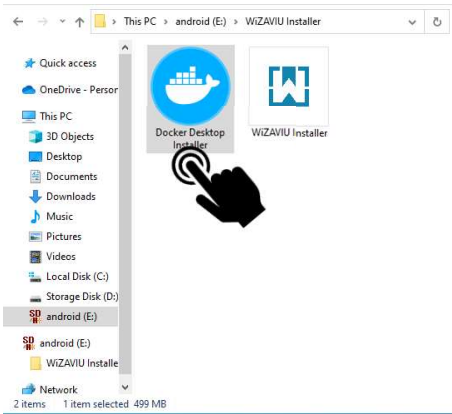
Browser open web

<https://www.docker.com/get-started/>

Click Download for Windows to download

WiZAVIU Server - Docker Installation

1



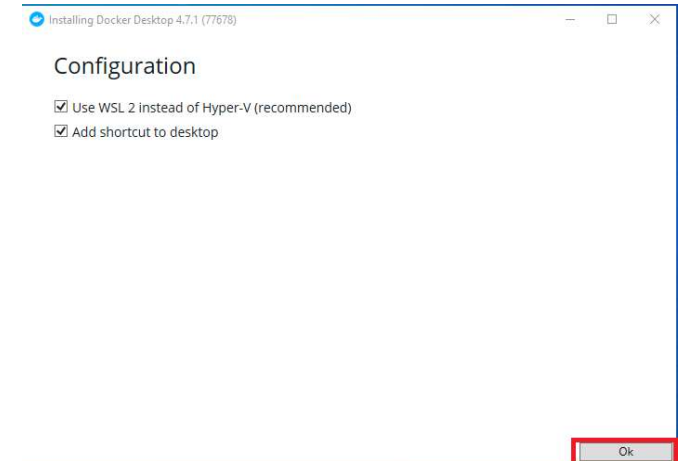
Double click docker installation file

2



Click Yes

3

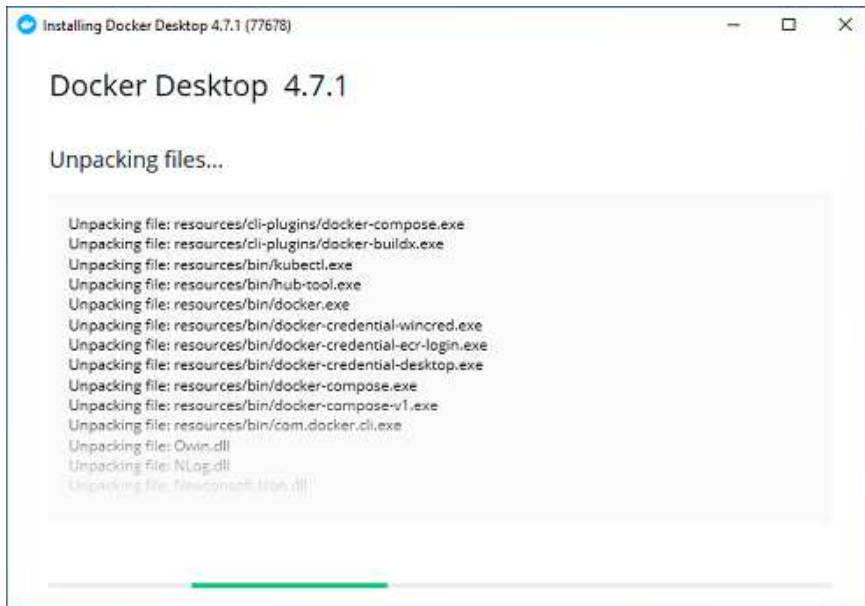


Click Ok

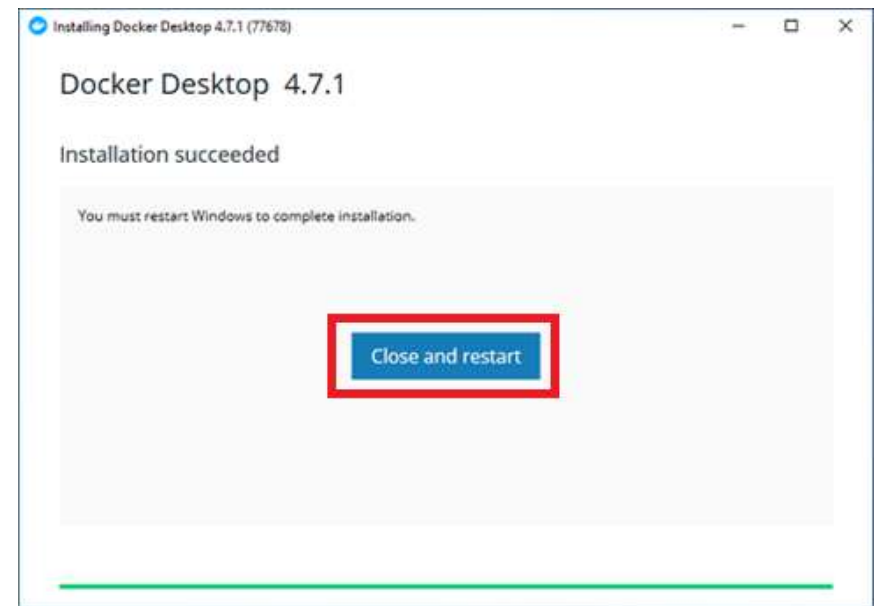


WiZAVIU Server - Docker Installation

1



2



Click “Close and restart” to restart windows

WiZAVIU Server - Docker Setup after restarted

1



Our Service Agreement has Changed

We've updated the [Docker Subscription Service Agreement](#). Please read the [Blog](#) and [FAQs](#) to learn how companies using Docker Desktop may be affected. By checking "I accept the terms" you agree to the [Subscription Service Agreement](#), the [Data Processing Agreement](#), and the [Data Privacy Policy](#).

Here's a summary of key changes:

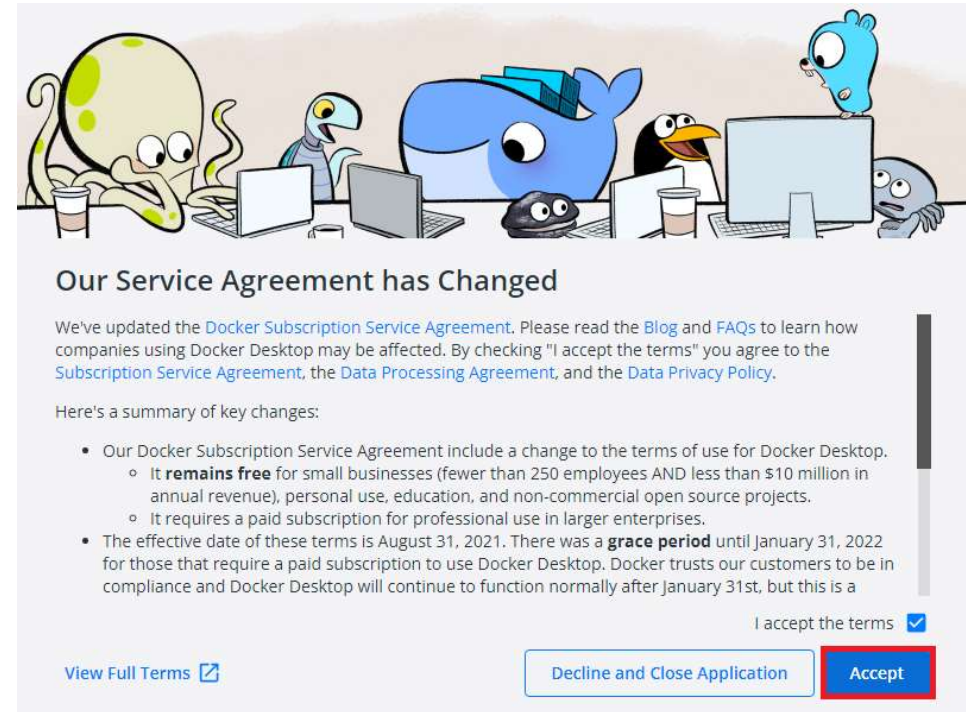
- Our Docker Subscription Service Agreement include a change to the terms of use for Docker Desktop.
 - It **remains free** for small businesses (fewer than 250 employees AND less than \$10 million in annual revenue), personal use, education, and non-commercial open source projects.
 - It requires a paid subscription for professional use in larger enterprises.
- The effective date of these terms is August 31, 2021. There was a **grace period** until January 31, 2022 for those that require a paid subscription to use Docker Desktop. Docker trusts our customers to be in compliance and Docker Desktop will continue to function normally after January 31st, but this is a

I accept the terms

[View Full Terms](#) [Decline and Close Application](#) [Accept](#)

Tick "I accept the terms" box

2



Our Service Agreement has Changed

We've updated the [Docker Subscription Service Agreement](#). Please read the [Blog](#) and [FAQs](#) to learn how companies using Docker Desktop may be affected. By checking "I accept the terms" you agree to the [Subscription Service Agreement](#), the [Data Processing Agreement](#), and the [Data Privacy Policy](#).

Here's a summary of key changes:

- Our Docker Subscription Service Agreement include a change to the terms of use for Docker Desktop.
 - It **remains free** for small businesses (fewer than 250 employees AND less than \$10 million in annual revenue), personal use, education, and non-commercial open source projects.
 - It requires a paid subscription for professional use in larger enterprises.
- The effective date of these terms is August 31, 2021. There was a **grace period** until January 31, 2022 for those that require a paid subscription to use Docker Desktop. Docker trusts our customers to be in compliance and Docker Desktop will continue to function normally after January 31st, but this is a

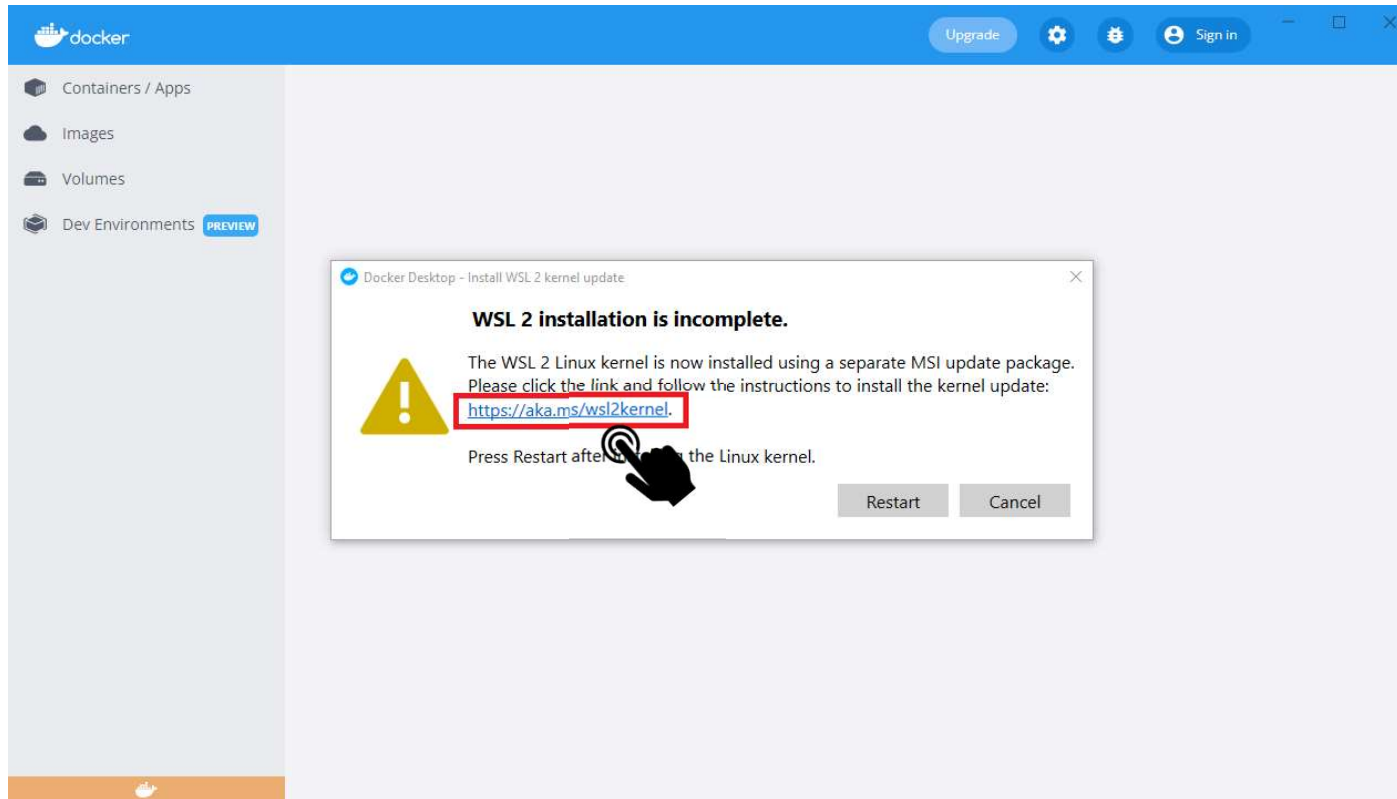
I accept the terms

[View Full Terms](#) [Decline and Close Application](#) [Accept](#)

Click Accept



WiZAVIU Server - Docker : WSL Download and Installation



Click The Link to open WSL web page



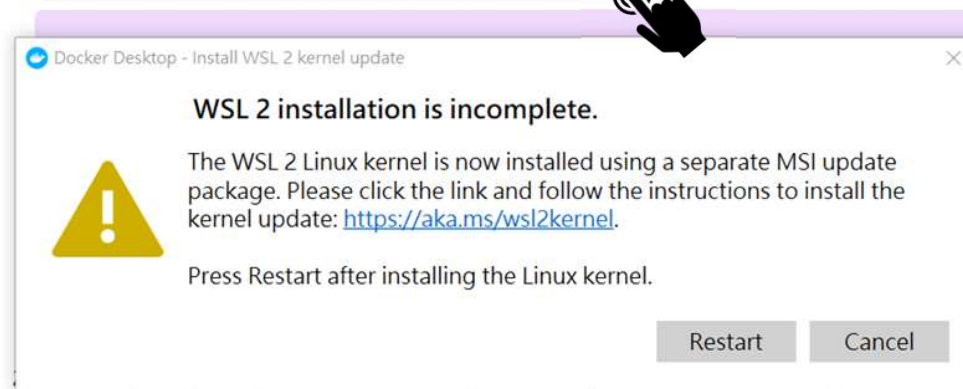
WiZAVIU Server - Docker : WSL Download and Installation



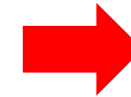
Step 4 - Download the Linux kernel update package

1. Download the latest package:

- [WSL2 Linux kernel update package for x64 machines](#)



(prompted for elevated permissions, select 'yes' to approve this installation.)



Click the link to download WSL



WiZAVIU Server - Docker : WSL Download and Installation

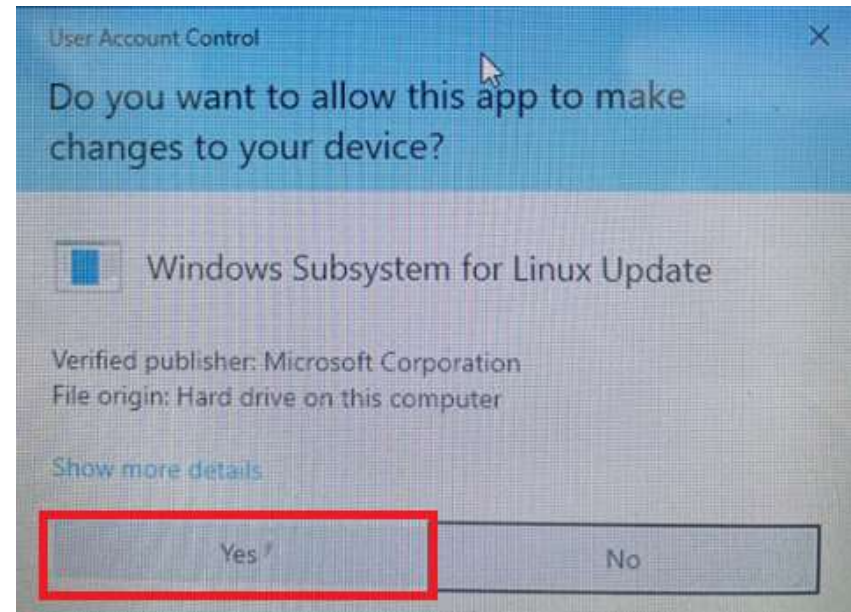
1



Double click WSL installation file



2

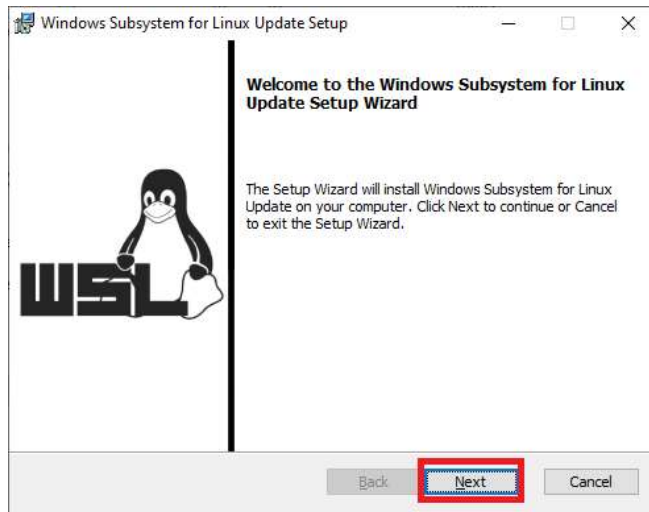


Click Yes



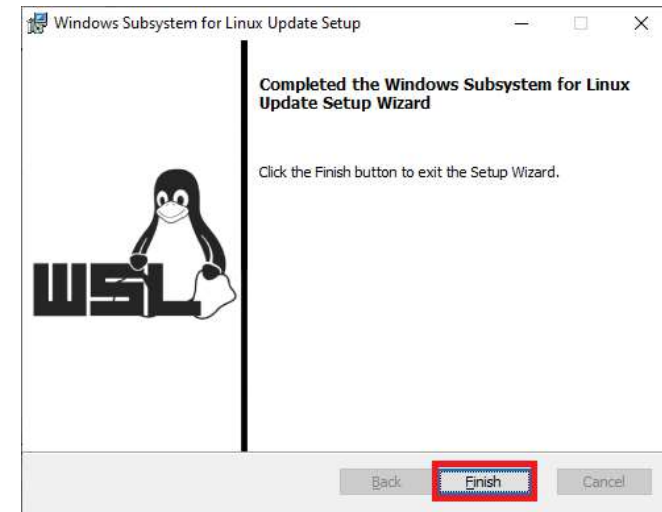
WiZAVIU Server - Docker : WSL Download and Installation

1

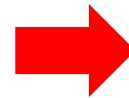


Click Next

2



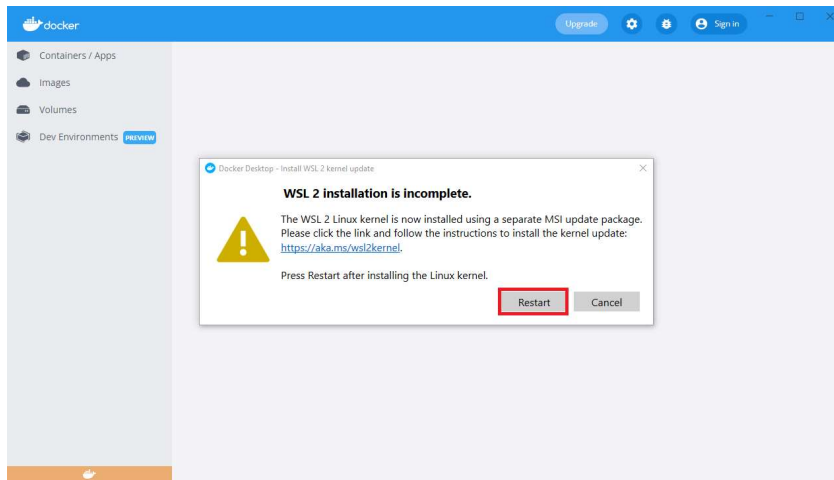
Click Finish





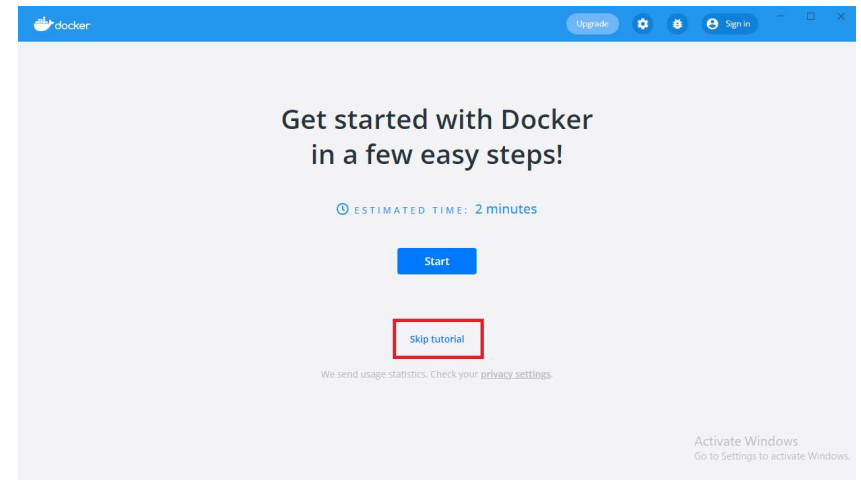
WiZAVIU Server - Docker : Dock setup after WSL installed

1



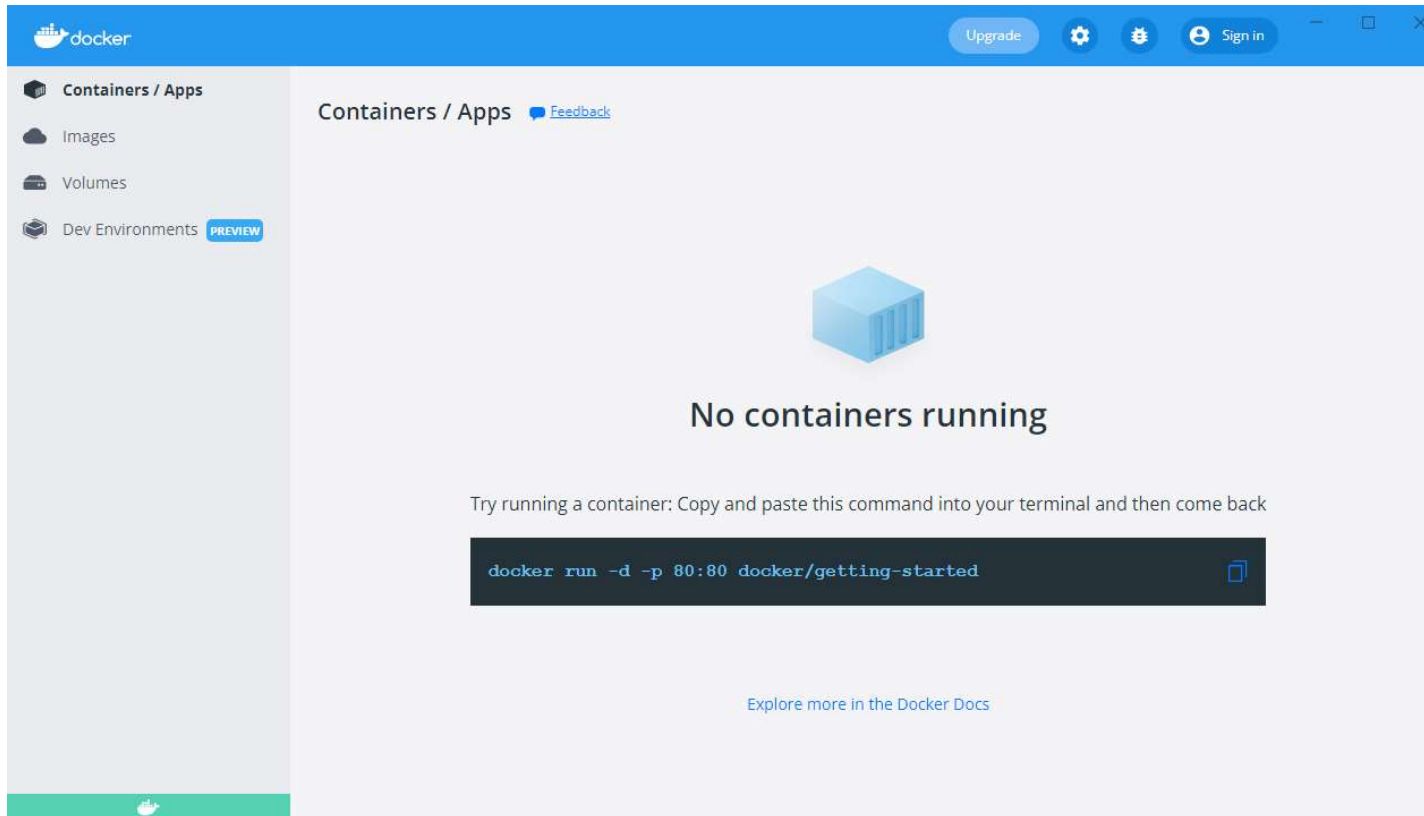
Click Restart

2



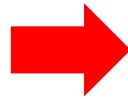
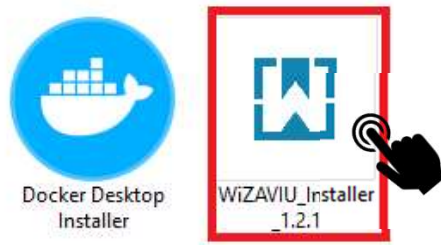
Click Skip Tutorial

WiZAVIU Server - Docker : Setup Finish



WiZAVIU Server – Installation

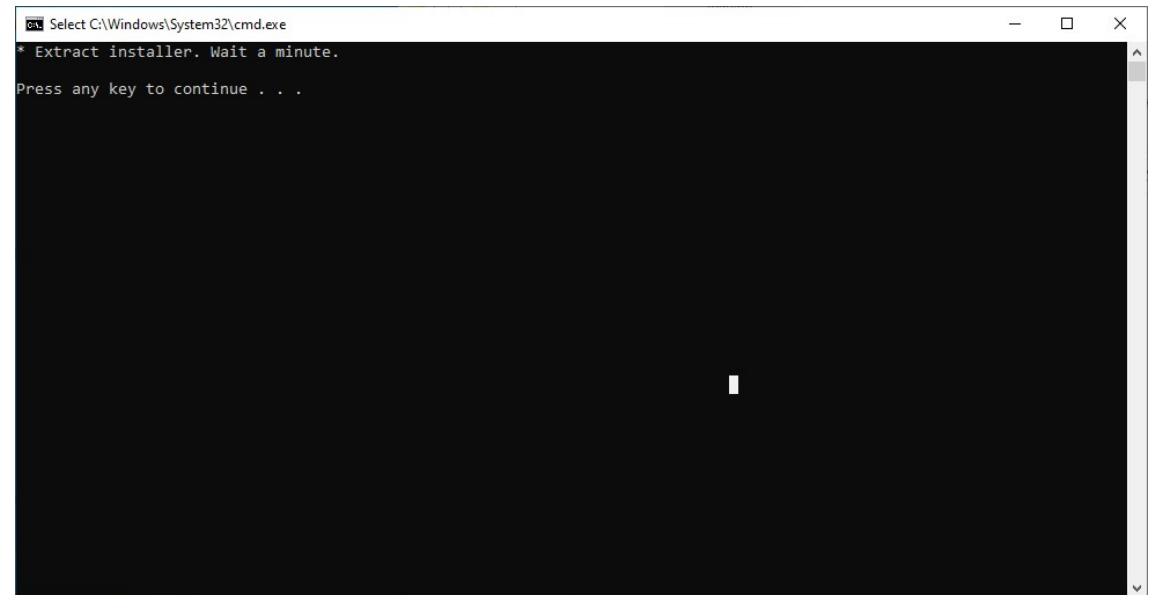
1



Double click to start installation

P.S. The installer may be newer version, the installation steps are the same.

2



Press any key and wait for installation



WiZAVIU Server – Installation

```
C:\WINDOWS\system32\cmd.exe
dbdata/pg_tblspc/
dbdata/postgresql.conf
dbdata/pg_twophase/
dbdata/pg_hba.conf
* Import wibase-wizaviu-web-1.2.1.img
2e38978dfe40: Loading layer [=====>] 5.875MB/5.875MB
eea290a950d5: Loading layer [=====>] 18.77MB/18.77MB
ce224af437d7: Loading layer [=====>] 3.072kB/3.072kB
72bbc3057941: Loading layer [=====>] 4.096kB/4.096kB
0e8bb6e260b2: Loading layer [=====>] 3.584kB/3.584kB
86e6c1338a0b: Loading layer [=====>] 7.168kB/7.168kB
33abdf2b6cb0: Loading layer [=====>] 6.144kB/6.144kB
f7cafdac4b81: Loading layer [=====>] 7.68kB/7.68kB
c99142f92288: Loading layer [=====>] 21.91MB/21.91MB
d323969cf637: Loading layer [=====>] 794.6kB/794.6kB
dca09e1764b7: Loading layer [=====>] 8.532MB/8.532MB
58fcff0f72e0: Loading layer [=====>] 2.048kB/2.048kB
701d4788d261: Loading layer [=====>] 2.56kB/2.56kB
a42d90e73dc8: Loading layer [=====>] 6.144kB/6.144kB
1f1eff4b8fb5: Loading layer [=====>] 41.24MB/41.24MB
d31c0449e369: Loading layer [=====>] 9.962MB/9.962MB
4dbee2b1cca2: Loading layer [=====>] 1.971MB/1.971MB
5f70bf18a086: Loading layer [=====>] 1.024kB/1.024kB
Loaded image: wibase/wizaviu-web:1.2.1
* Import wibase-video-demo-1.2.1.img
028a1d167c47: Loading layer [=====>] 1.996MB/1.996MB
7e4807ae1ace: Loading layer [=====>] 27.14kB/27.14kB
Loaded image: wibase/video-demo:1.2.1
* Import wibase-wizaviu-api-1.2.1.img
```

Installation processing



WiZAVIU Server – Installation

```
C:\WINDOWS\system32\cmd.exe
c16eca0f738a: Loading layer [=====>] 5.746MB/5.746MB
1c634971b004: Loading layer [=====>] 1.266MB/1.266MB
ae361576b40d: Loading layer [=====>] 55.81kB/55.81kB
Loaded image: wibase/rtsp-server:1.2.1
* Import wibase-janus-1.2.1.img
029bf2884a11: Loading layer [=====>] 2.048kB/2.048kB
b0b6b4834d5e: Loading layer [=====>] 35.53MB/35.53MB
765d4556a50f: Loading layer [=====>] 5.542MB/5.542MB
ac29e65d9783: Loading layer [=====>] 26.99MB/26.99MB
48bf9e048c7c: Loading layer [=====>] 471.9MB/471.9MB
70e40e073ecc: Loading layer [=====>] 70.72MB/70.72MB
138b9cf068a4: Loading layer [=====>] 242.9MB/242.9MB
706279d943c3: Loading layer [=====>] 6.842MB/6.842MB
40f9b6f45ed1: Loading layer [=====>] 233.1MB/233.1MB
cc164bc986a6: Loading layer [=====>] 68.64MB/68.64MB
9cbc5d463b22: Loading layer [=====>] 2.501MB/2.501MB
50487ea0db0e: Loading layer [=====>] 83.02MB/83.02MB
4d8b68d82bba: Loading layer [=====>] 32.37MB/32.37MB
1f2d6c2e0894: Loading layer [=====>] 57.58MB/57.58MB
4b5a24b3adc0: Loading layer [=====>] 609.3kB/609.3kB
a88116c0e5f9: Loading layer [=====>] 165.1MB/165.1MB
b29427f3c4bf: Loading layer [=====>] 93.9MB/93.9MB
06eb720c694d: Loading layer [=====>] 9.414MB/9.414MB
b07bee025575: Loading layer [=====>] 5.632kB/5.632kB
168c08930296: Loading layer [=====>] 4.096kB/4.096kB
ab1563b19d46: Loading layer [=====>] 4.608kB/4.608kB
0858f3670962: Loading layer [=====>] 62.98kB/62.98kB
Loaded image: wibase/janus:1.2.1
'* Done'
Press any key to continue . . .
```

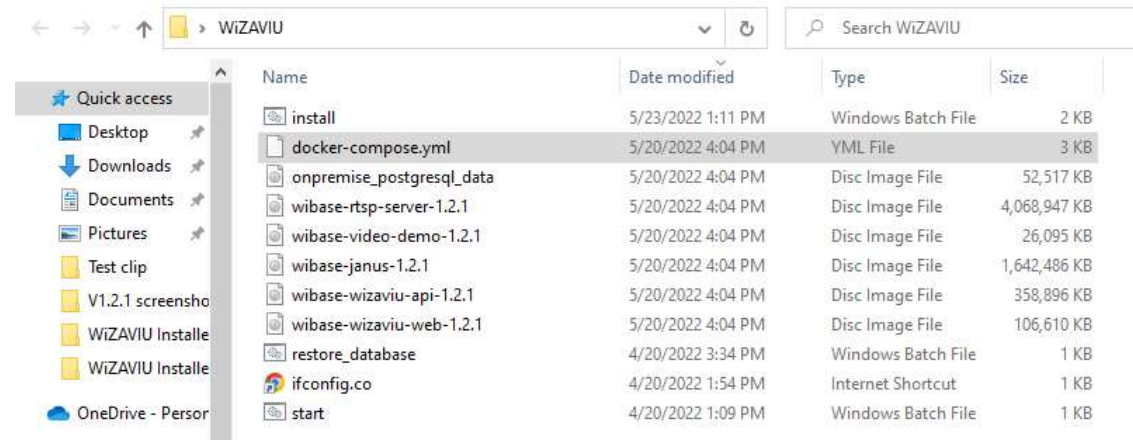
Installation complete

WiZAVIU Server – Setup Server

1



2

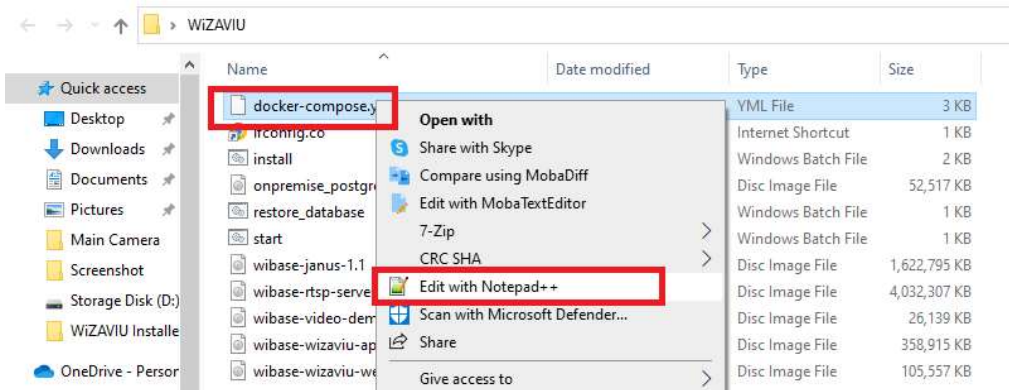


Double click the auto created WIZAVIU folder in Desktop

Check all files in folder like the above screenshot

WiZAVIU Server – Setup Server

1



2

```
docker-compose.yml
1 version: "3.9"
2
3 services:
4   postgresql:
5     image: postgres:14.0
6     hostname: postgresql.local
7     restart: unless-stopped
8     tty: true
9     expose:
10      - "5432"
11     # ports:
12     #   - "5432:5432"
13     volumes:
14      - "postgresql_data:/var/lib/postgresql/data"
15     environment:
16       POSTGRES_USER: user
17       POSTGRES_PASSWORD: secret
18       POSTGRES_DB: demo
19     logging:
20       driver: "none"
21     options:
22       max-size: "10m"
23       max-file: "10"
24
25 wibase-janus:
26   image: wibase/janus:1.1
27   hostname: wibase-janus.local
28   restart: unless-stopped
29   tty: true
30   expose:
31     - "7088"
32     - "8088"
33     - "8188"
34     - "8443"
35     - "9443"
36     - "10000-10200"
37   ports:
38     - "8088:8088"
39     - "8188:8188"
```

YAML Ain't Markup Language

Right click docker-compose.yml with Notepad++ text editor



WiZAVIU Server – Setup Server

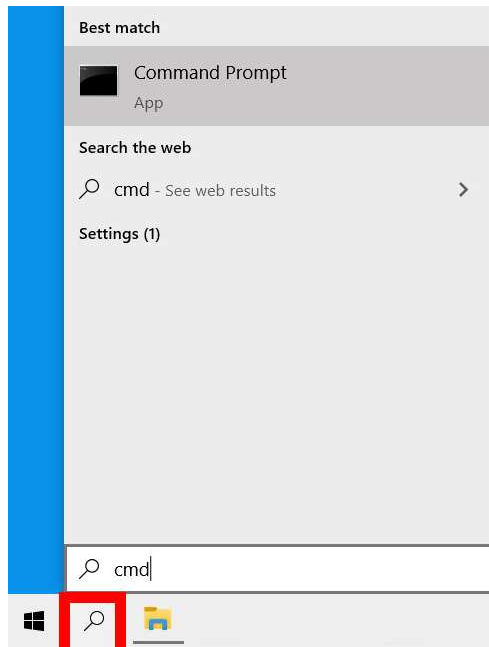
```
docker-compose.yml x
55 | ports:
56 |   - "8082:80"
57 | logging:
58 |   driver: "none"
59 |   options:
60 |     max-size: "10m"
61 |     max-file: "10"
62 |
63 | wibase-wizaviu-web:
64 |   image: wibase/wizaviu-web:1.2.1
65 |   depends_on:
66 |     - wibase-wizaviu-api
67 |     - wibase-janus
68 |   hostname: wizaviu-web.local
69 |   restart: unless-stopped
70 |   tty: true
71 |   expose:
72 |     - "80"
73 |     - "443"
74 |   ports:
75 |     - "443:443"
76 |   environment:
77 |     REACT_APP_BASE_URL: https://WIZAVIU_DOMAIN/
78 |     REACT_APP_JANUS_SERVER: https://WIZAVIU_DOMAIN/janus
79 | logging:
80 |   driver: "none"
81 |   options:
82 |     max-size: "10m"
83 |     max-file: "10"
```

Scroll down to environment:



WiZAVIU Server – Setup Server

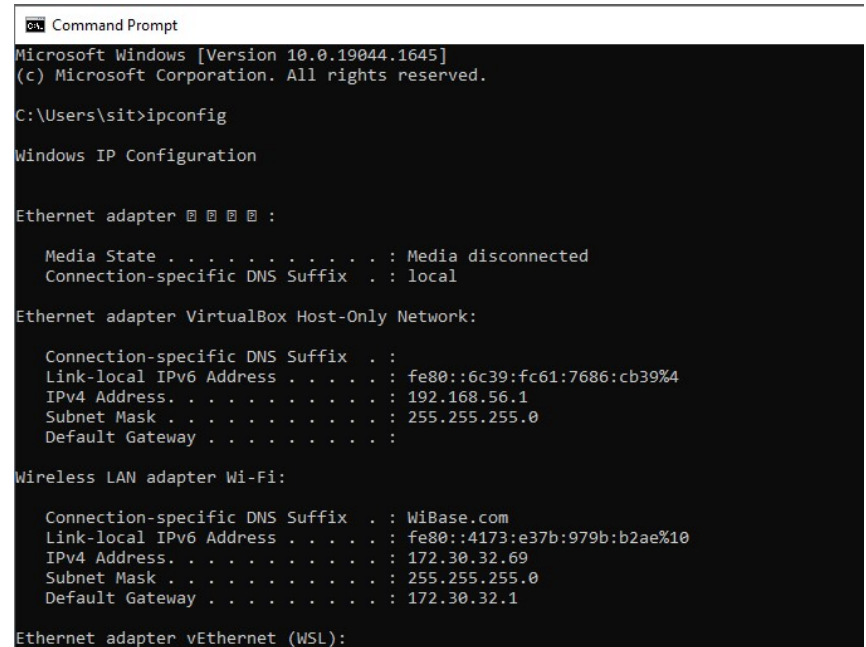
1



At task bar input “cmd” to open command prompt



2



At command prompt, input “ipconfig” to check server IP address(should be the same as the fixed IP setup)



WiZAVIU Server – Setup Server

The screenshot shows a Docker Compose configuration file and a Windows Command Prompt. In the `docker-compose.yml` file, the `environment` section for the `wibase-wizaviu-web` service is highlighted with a red box, showing the following configuration:

```
environment:  
  REACT_APP_BASE_URL: https://172.30.32.69/  
  REACT_APP_JANUS_SERVER: https://172.30.32.69/janus
```

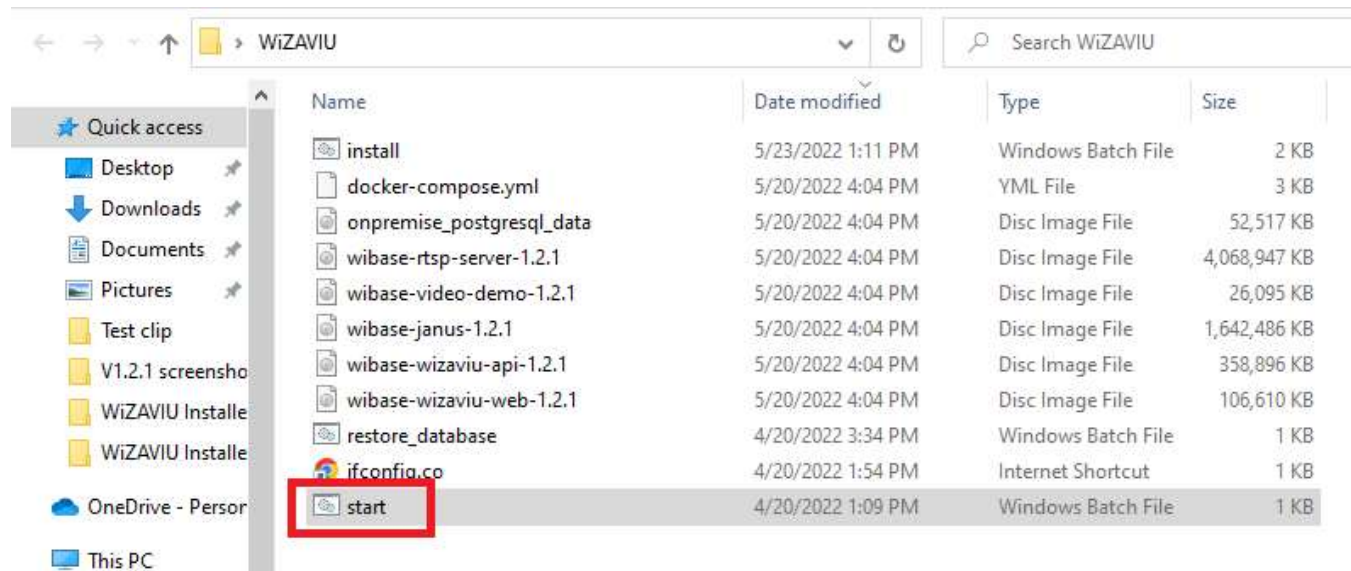
The Command Prompt shows network information for a Wireless LAN adapter Wi-Fi, which is also highlighted with a red box:

```
Media State . . . . . : Media disconnected  
Connection-specific DNS Suffix . : WiBase.com  
  
Ethernet adapter vEthernet (WSL):  
  
Connection-specific DNS Suffix . :  
Link-local IPv6 Address . . . . . : fe80::90c5:a47a:b1da:afc0%32  
IPv4 Address. . . . . : 172.29.32.1  
Subnet Mask . . . . . : 255.255.240.0  
Default Gateway . . . . . :  
  
Ethernet adapter VirtualBox Host-Only Network:  
  
Connection-specific DNS Suffix . :  
Link-local IPv6 Address . . . . . : fe80::859a:f800:19da:8bda%5  
IPv4 Address. . . . . : 192.168.56.1  
Subnet Mask . . . . . : 255.255.255.0  
Default Gateway . . . . . :  
  
Wireless LAN adapter Wi-Fi:  
  
Connection-specific DNS Suffix . : WiBase.com  
Link-local IPv6 Address . . . . . : fe80::4173:e37b:979b:b2ae%11  
IPv4 Address. . . . . : 172.30.32.69  
Subnet Mask . . . . . : 255.255.255.0  
Default Gateway . . . . . : 172.30.32.1  
  
C:\Users\sit>
```

Change both <https://localhost/> to the Wi-Fi IP address, and save the changes



WiZAVIU Server – Start Server



Double click start in WiZAVIU folder to start server



WiZAVIU Server – Start Server

```
C:\Program Files\Docker\Docker\resources\bin\docker.exe
[+] Running 3/6
- Network wizaviu_default          Created          0.9s
- Container wizaviu-postgresql-1   Created         2.3s
- Container wizaviu-wibase-janus-1 Created         2.3s
- Container wizaviu-wibase-wizaviu-api-1 Creating        0.5s
- Container wizaviu-wibase-video-demo-1 Creating        0.4s
- Container wizaviu-wibase-rtsp-server-1 Creating        0.4s
```

Wait for server to start



WiZAVIU Server – Start Server

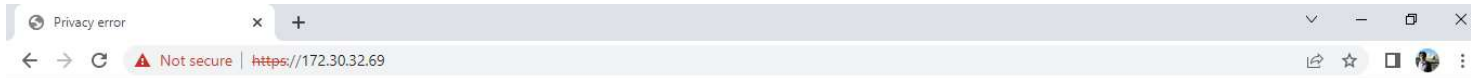


Search Google or type a URL

Open browser and input the
Wi-Fi IP address in address bar



WiZAVIU Server – Start Server



Your connection is not private

Attackers might be trying to steal your information from **172.30.32.69** (for example, passwords, messages, or credit cards). [Learn more](#)

NET::ERR_CERT_AUTHORITY_INVALID

To get Chrome's highest level of security, [turn on enhanced protection](#)

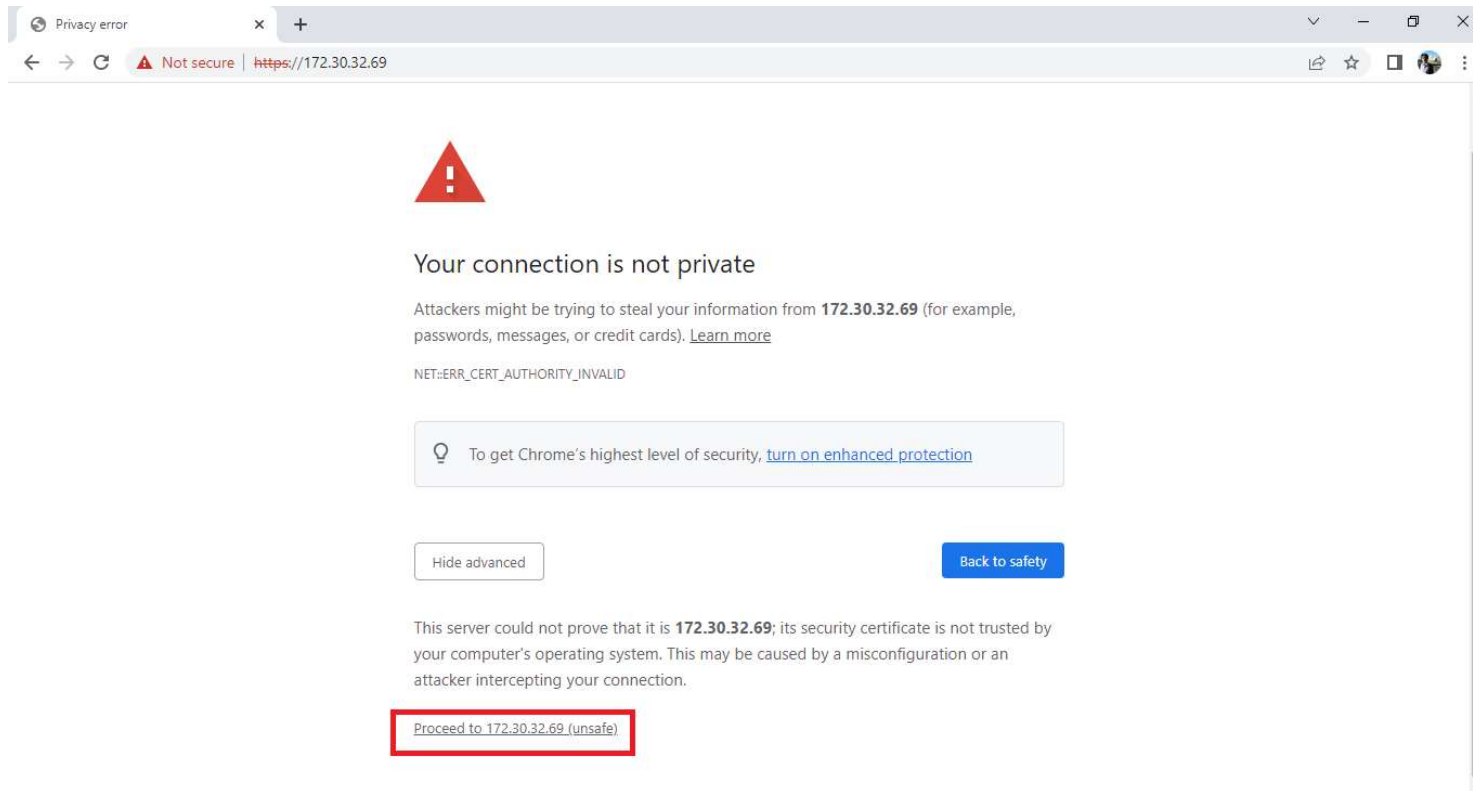
Advanced

Back to safety

Click Advanced

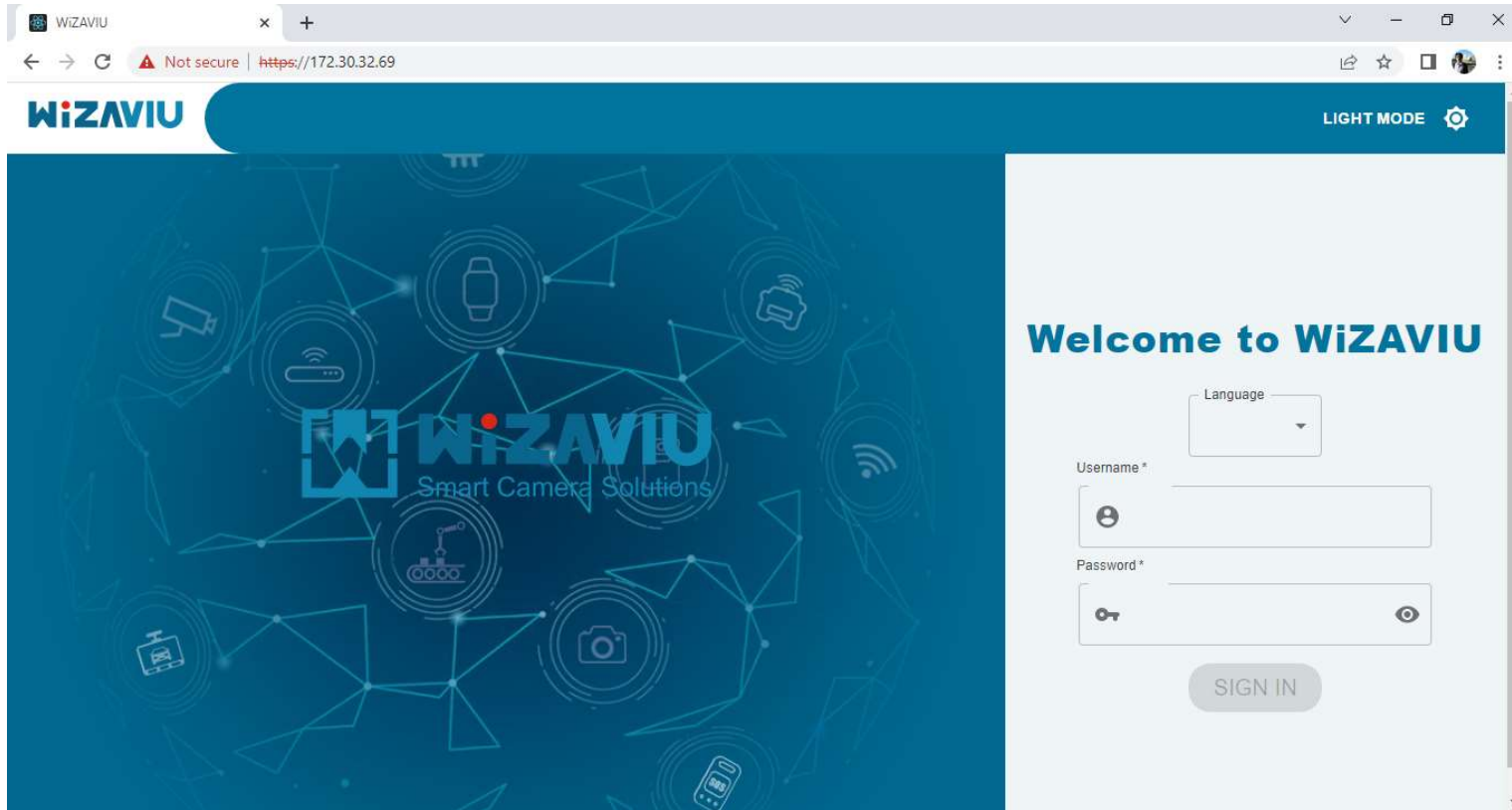


WiZAVIU Server – Start Server



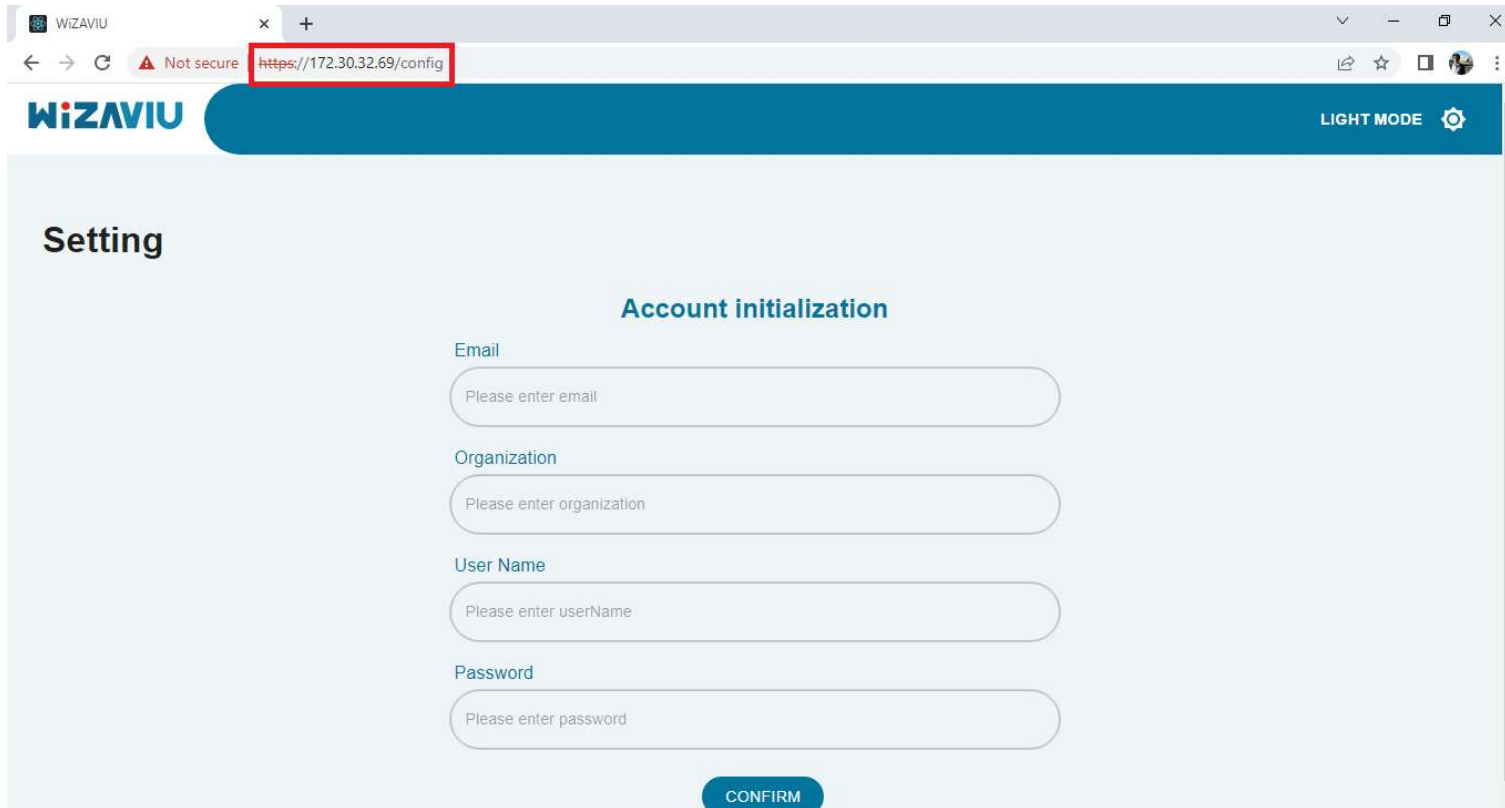
Click Proceed to IP address (unsafe)

WiZAVIU Server – Start Server



On-Premise Server Login page

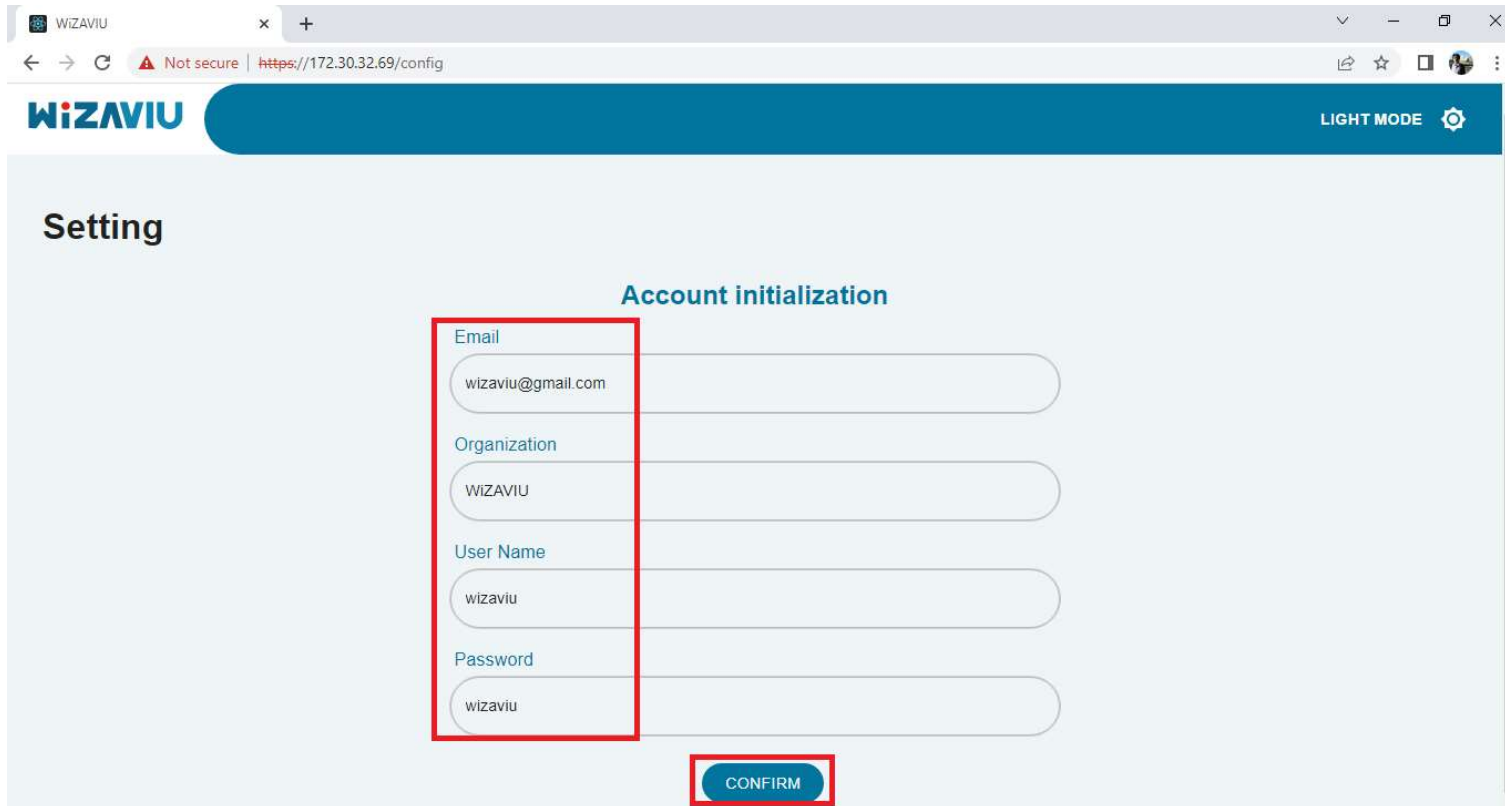
WIZAVIU Server – Create Server First Account



The screenshot shows a web browser window with the URL `https://172.30.32.69/config` highlighted in red. The page title is "WIZAVIU" and the page content is titled "Setting". Under the "Account initialization" section, there are four input fields: "Email" (Please enter email), "Organization" (Please enter organization), "User Name" (Please enter userName), and "Password" (Please enter password). A "CONFIRM" button is located at the bottom of the form.

Input `https://IP address/config`
to open create first account page

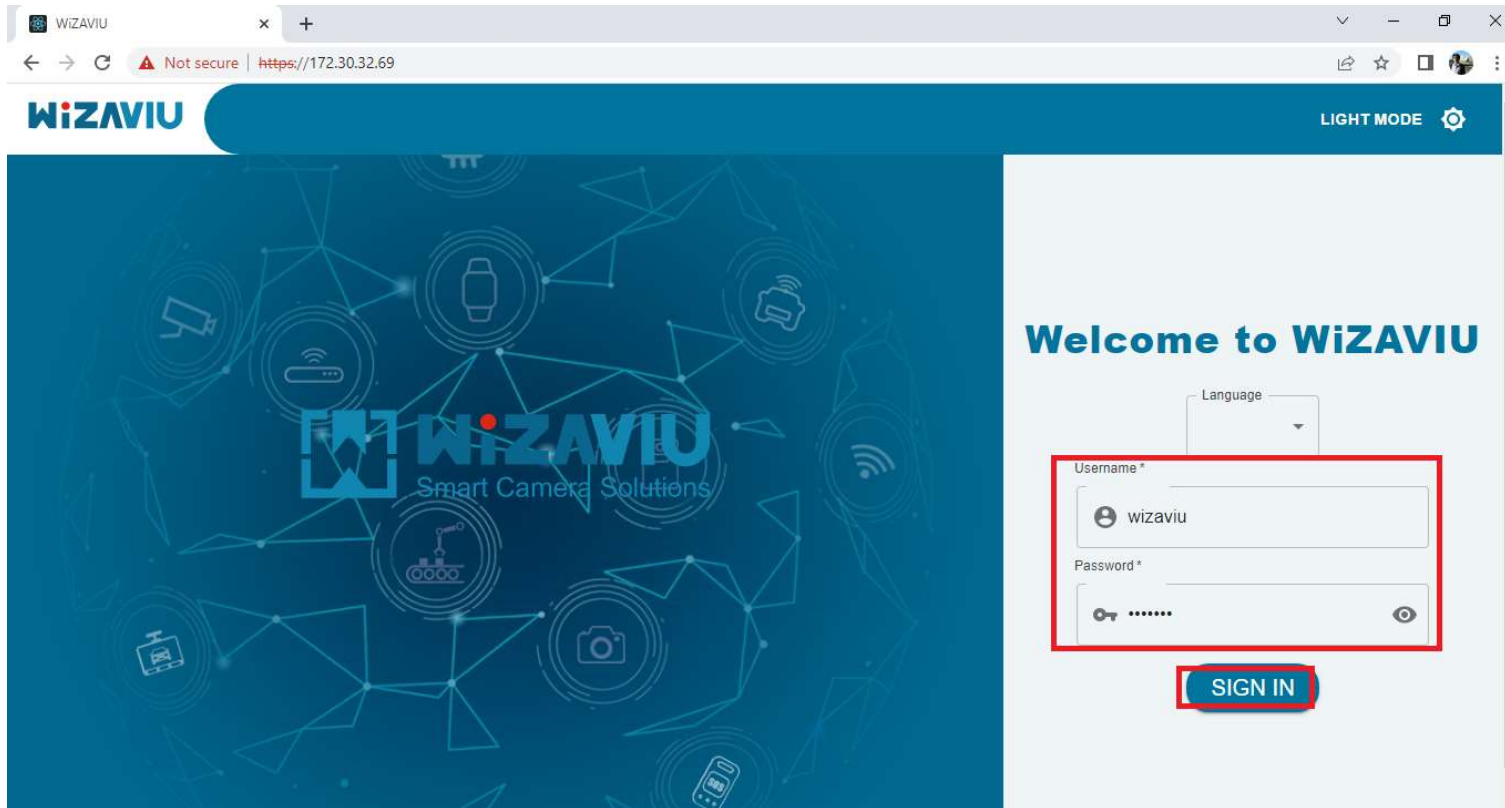
WIZAVIU Server – Create Server First Account



The screenshot shows a web browser window with the URL `https://172.30.32.69/config`. The page title is "WIZAVIU" and it includes a "LIGHT MODE" toggle. The main content area is titled "Setting" and contains a section for "Account initialization". This section has four input fields: "Email" (wizaviu@gmail.com), "Organization" (WIZAVIU), "User Name" (wizaviu), and "Password" (wizaviu). A "CONFIRM" button is located below the fields. A red box highlights the input fields, and another red box highlights the "CONFIRM" button.

Input all the information for First Account

WiZAVIU Server – Login



Input Username and Password and click
SIGN IN to login

WIZAVIU Server – Login

The screenshot shows the WIZAVIU Home Page in a web browser. The browser address bar shows the URL <https://172.30.32.69/welcome>. The page features a dark blue header with the WIZAVIU logo, a menu icon, and options for LIGHT MODE and SIGN OUT. A left sidebar contains navigation icons for user profile, calendar, settings, and other users. The main content area is divided into three panels:

- User Profile:** Displays the user's name 'wizaviu' and an 'Information' section with fields for 'WIZAVIU Tenant' and 'Organization', and 'Tenant Hash ID'.
- Device:** A table with columns 'Name', 'device id', and 'created at'. The table is currently empty, showing '0-0 of 0' rows. The pagination indicates 'Rows per page: 10'.
- PTT Groups:** A table with columns 'name' and 'created at'. The table is currently empty, showing 'No records to display'. The pagination indicates 'Rows per page: 5 rows'.

WIZAVIU Home Page



Port Mapping List

Service Port	Internal Port	Comment
HTTPS	443	WiZAVIU Admin Web Site
RTSP	554	RTSP Stream



Salute Device – I/O



WizAVIU Client – Check Salute Device Version

1



Press Select Key
until APP version

2



1. Check APP version is 0.8.3 or newer
2. Press Select Key

3



1. Check OS version is V0.5.3.04N or newer
2. Press Select Key

WiZAVIU Client – Re-INITIALIZE

1



Press Select Key

2



Press Select Key

3



Press Select Key

4



Press Confirm Key

5



Press Select Key

6



Press Confirm Key

7



Wait for Initialize

8



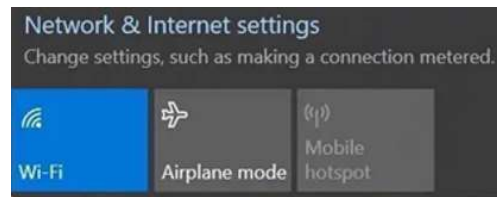
WIZAVIU Client - Connect To Salute Wi-Fi AP

1



After Salute device Re-Initialize, the OLED will show up ID and IP.

2



Notebook Wi-Fi enable

3



Find Salute ID and connect , enter password 12345678

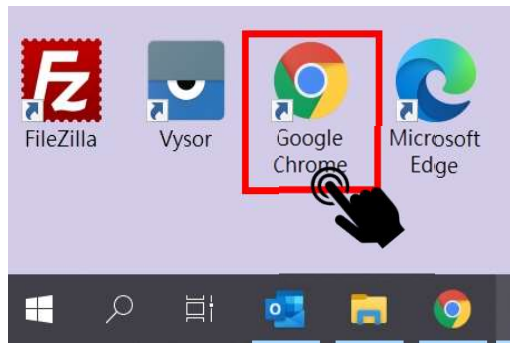
4



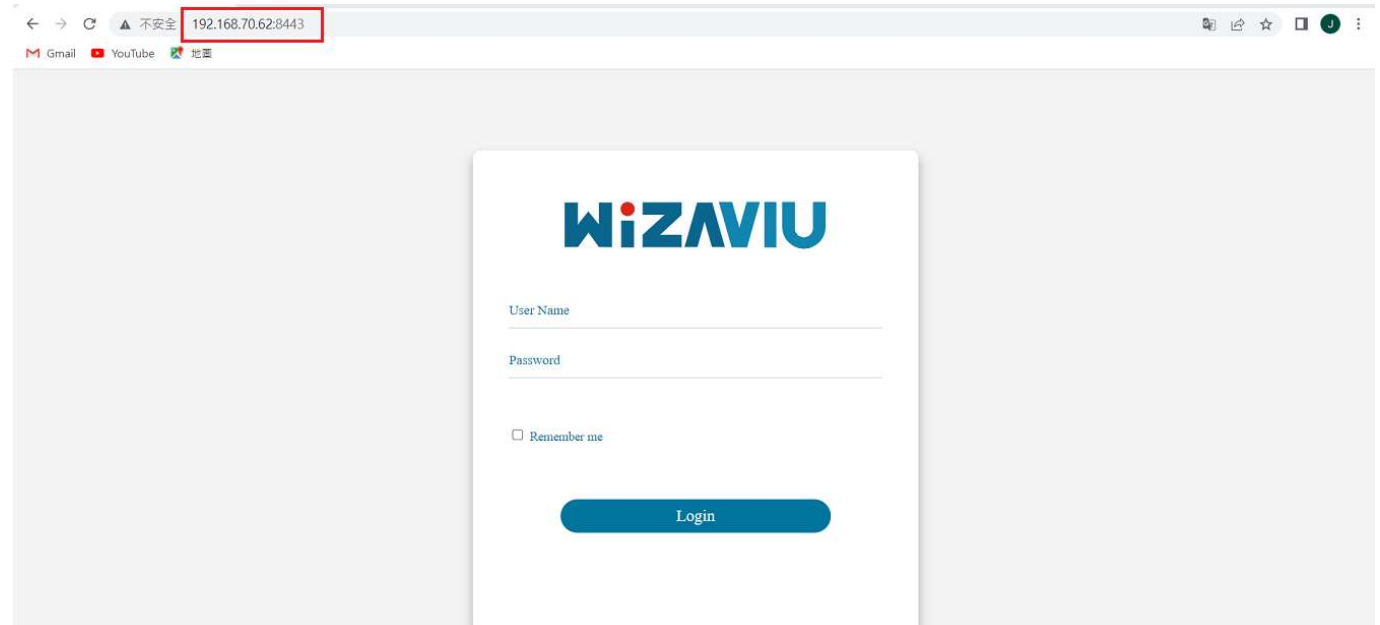
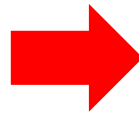
Finish the Connect Step in Notebook



WiZAVIU Client – Connect To Salute Web Device Setting



Open web browser

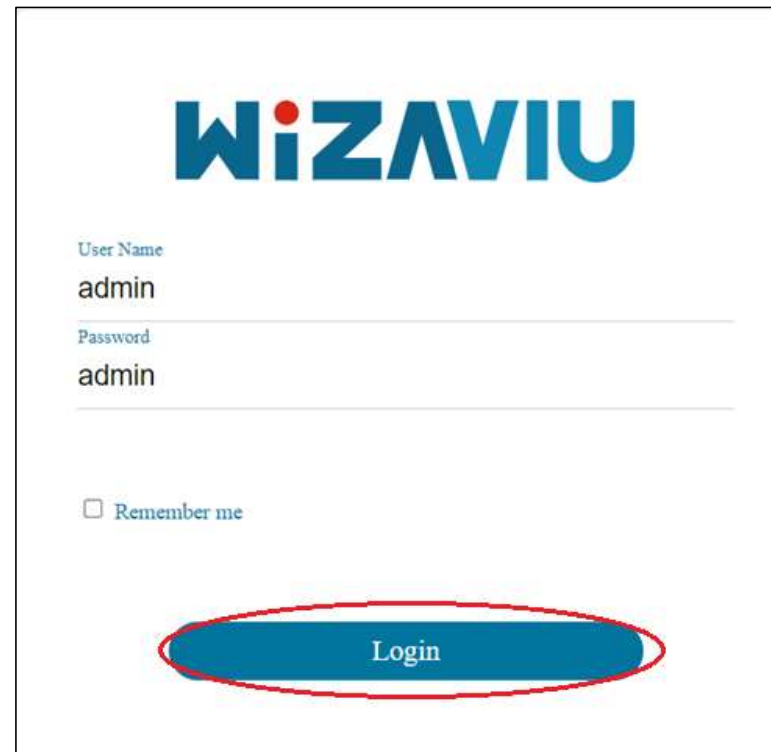


Enter the web address in address bar

Salute IP + Port 8443

Ex. 192.168.70.62:8443

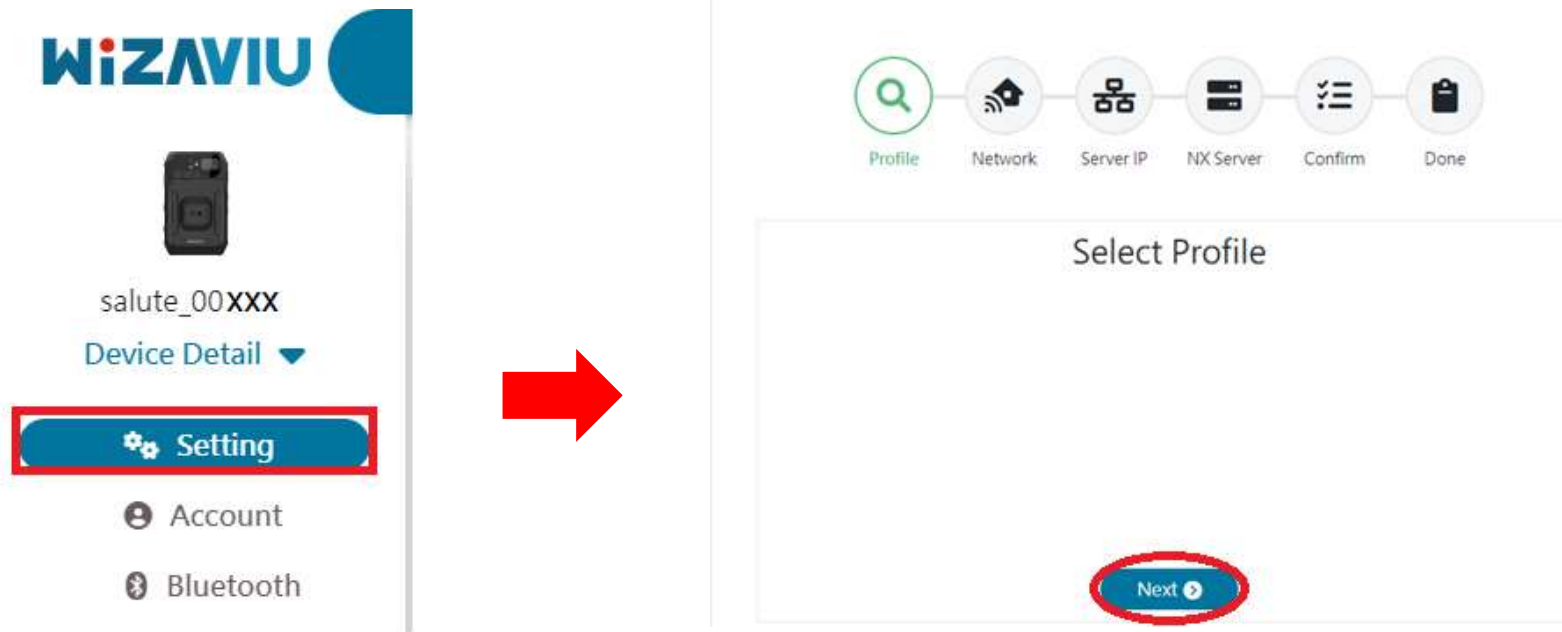
WiZAVIU Client – Login Salute Device Settings



The image shows a login form for the WiZAVIU Client. At the top is the WiZAVIU logo. Below it are two input fields: 'User Name' with the value 'admin' and 'Password' with the value 'admin'. There is a 'Remember me' checkbox which is unchecked. At the bottom is a blue 'Login' button, which is circled in red.

1. Enter User Name and Password
2. Click Login

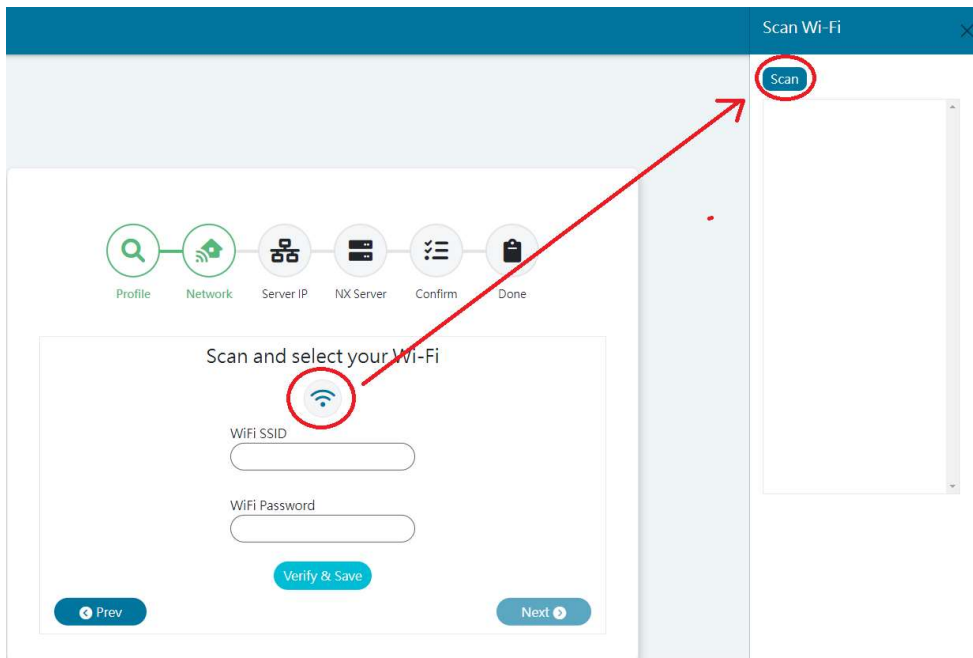
WiZAVIU Client – Salute Device Setting Profile



After login, web page will show Device Setting Profile.
Please click Next if first time login

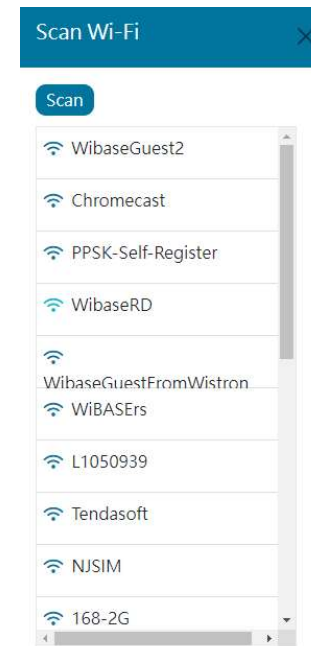
WIZAVIU Client – Setup Salute Device Setting

1



Click the Scan Wi-Fi button
Click Scan to start scanning

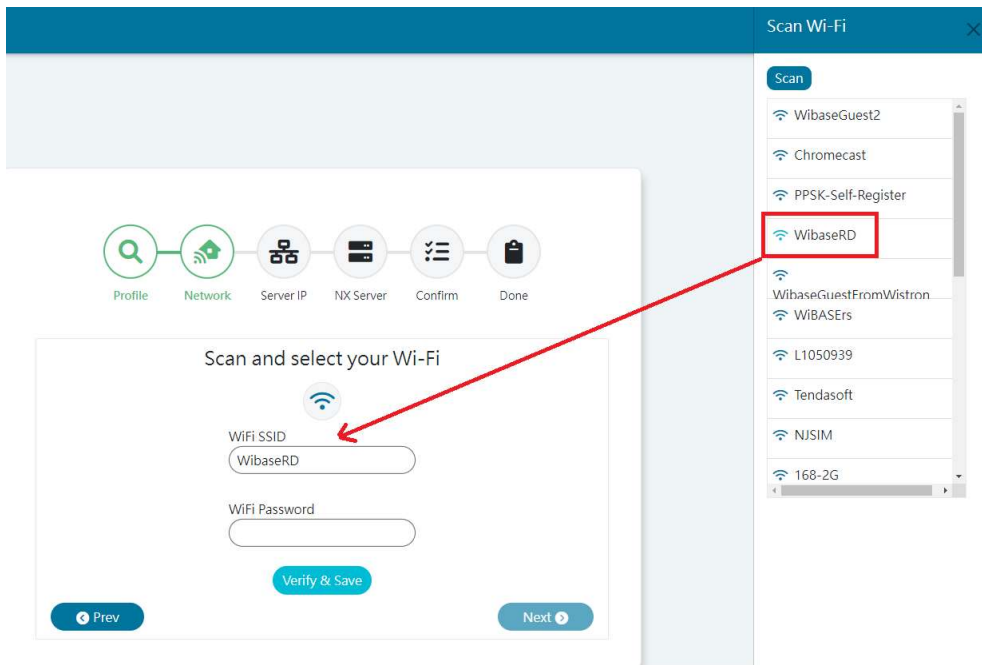
2



Wait for scanning and there will be a list show up

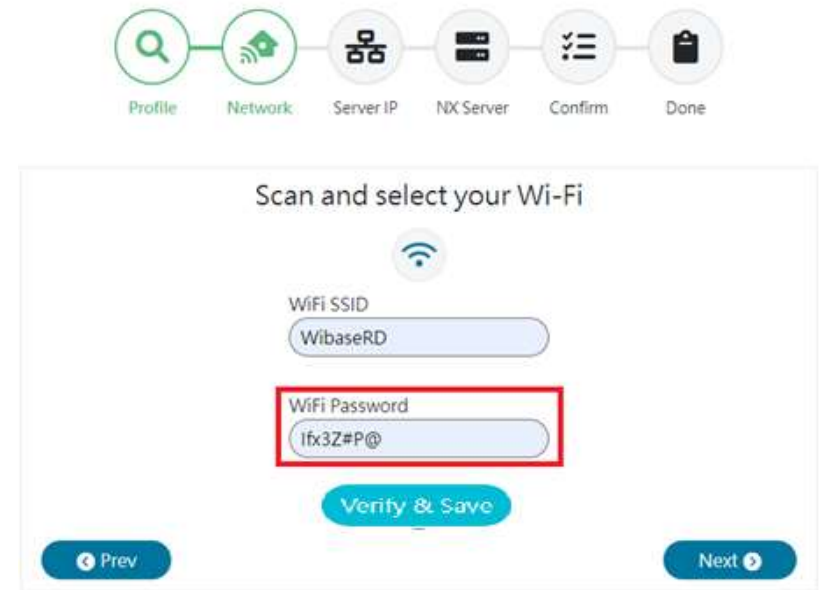
WIZAVIU Client – Setup Salute Device Setting

1



Click the AP to connect > The AP ID will be input automatically

2



User input the AP password manually
Then click Next

WIZAVIU Client – Setup Salute Device Setting

1



Profile Network Server IP NX Server Confirm Done

Server IP

Server IP: 172.30.32.69

Server Port: 8082

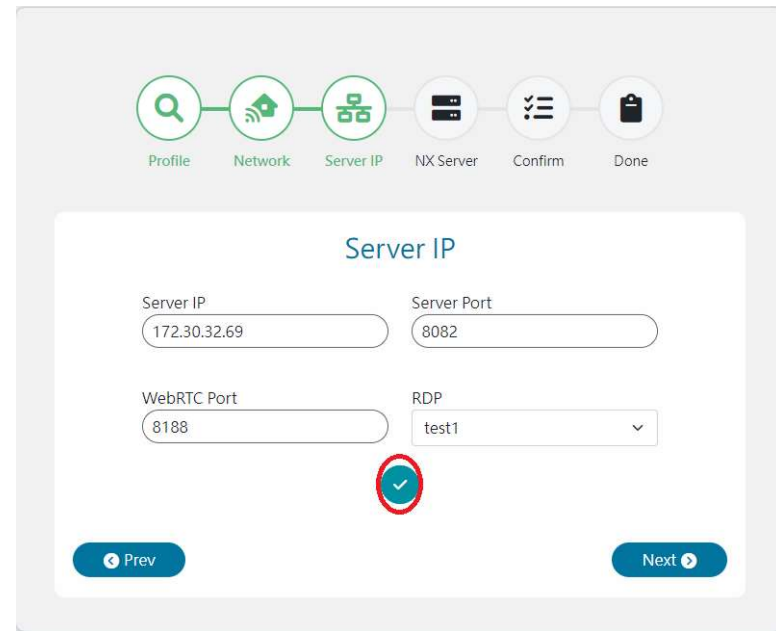
WebRTC Port: 8188

RDP: test1

Verify & Save

Prev Next

2



Profile Network Server IP NX Server Confirm Done

Server IP

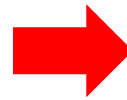
Server IP: 172.30.32.69

Server Port: 8082

WebRTC Port: 8188

RDP: test1

Next

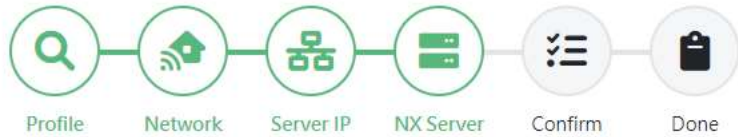


1. User input the On-Premise server IP manually
2. Click Verify & Save

Wait for the verify done and click next

WIZAVIU Client – Setup Salute Device Setting

1



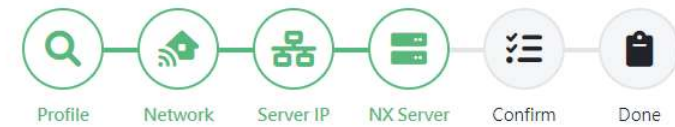
Input NX Server

Server IP 172.30.32.69	Server Port 7001
NX Account admin	NX Password admin

Verify & Save

Prev Next

2



Input NX Server

Server IP 172.30.32.69	Server Port 7001
NX Account admin	NX Password admin

✓

Prev Next

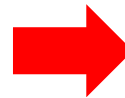
1. User input the information manually
2. Click Verify & Save

Wait for the verify done and click next

WIZAVIU Client – Setup Salute Device Setting

1

1. Scroll down to confirm the information input
2. Click Save Profile and next

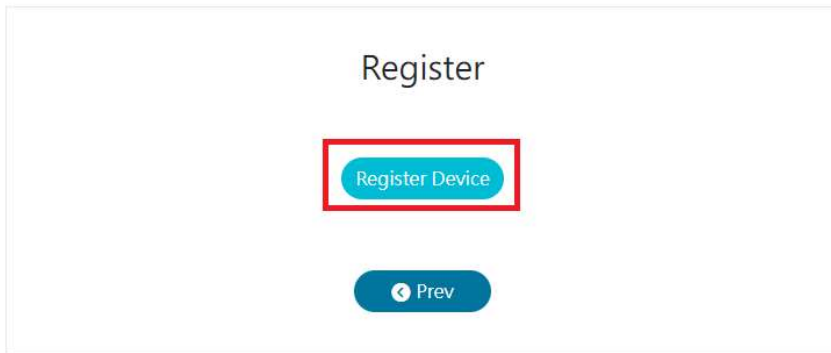
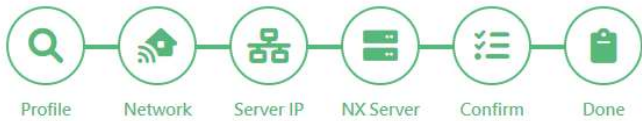


2

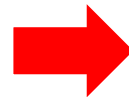
1. Input Profile Name and Save
2. Wait for save done, click the X to close window
3. Click Next

WiZAVIU Client – Setup Salute Device Setting

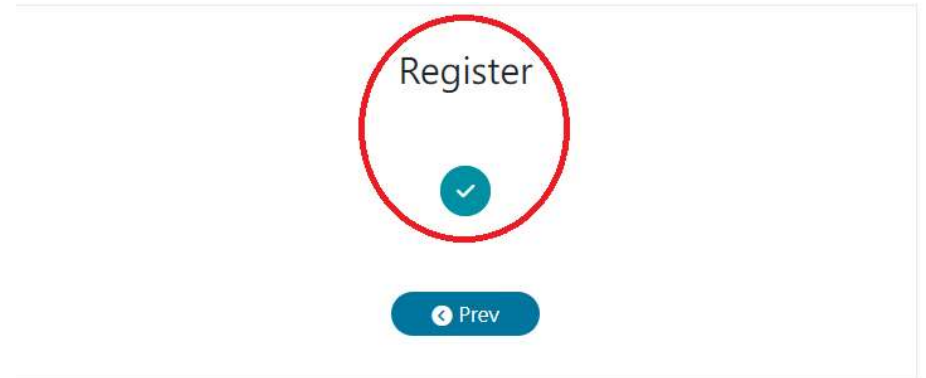
1



Click Register Device

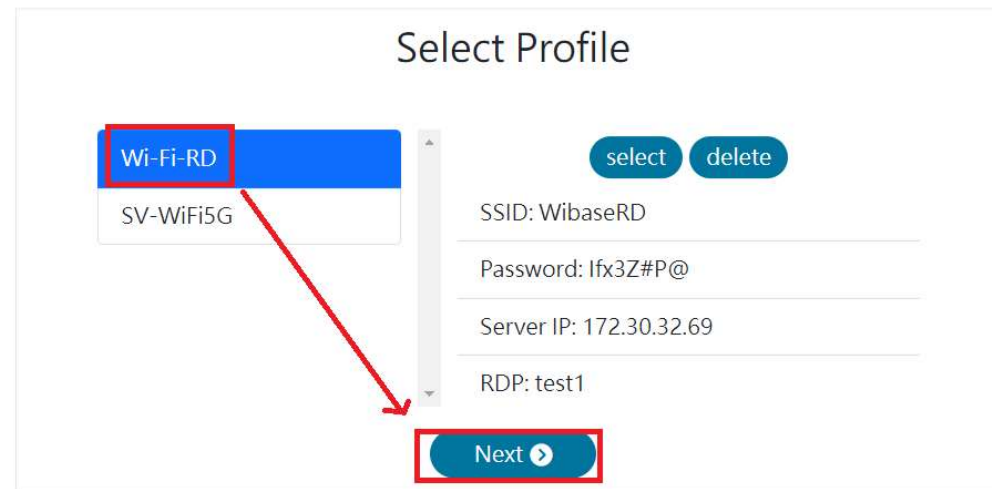
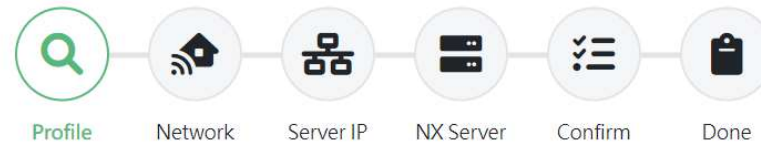


2



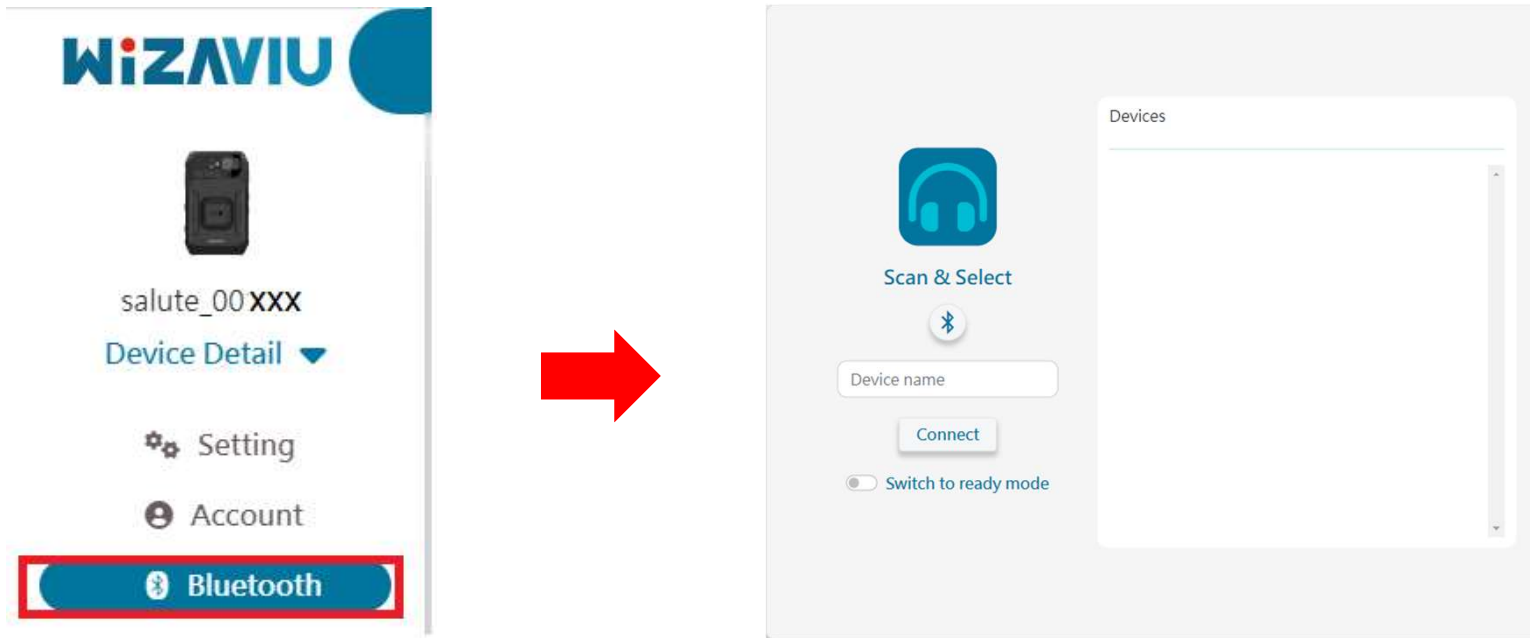
Register Done

WIZAVIU Client – Select Profile to Setup Device Setting



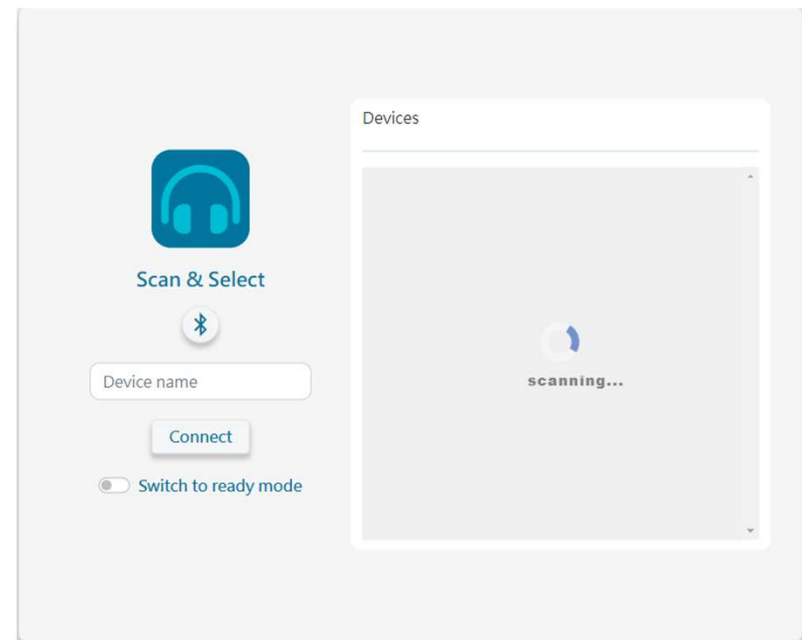
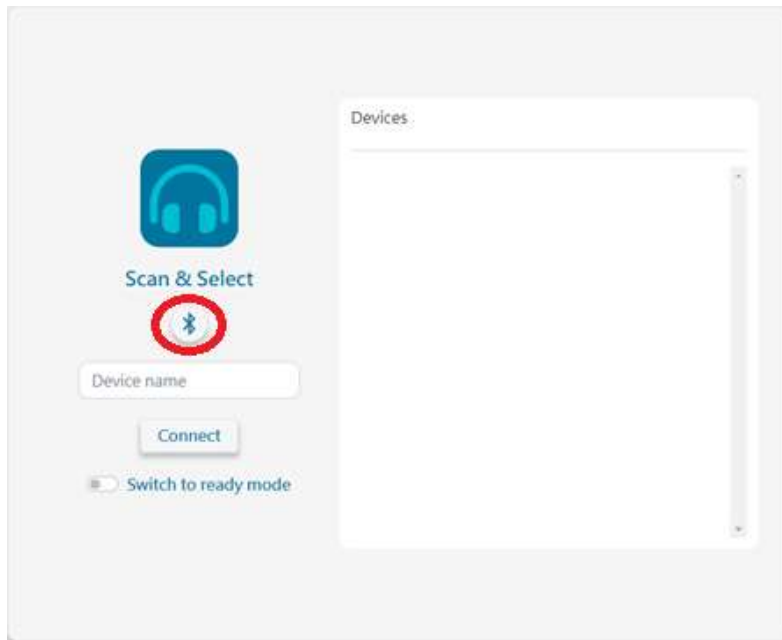
1. The 2nd and later times, user can choose the Profile directly
2. The device setting process still required to go thru again

WiZAVIU Client – Salute Device Setting Bluetooth



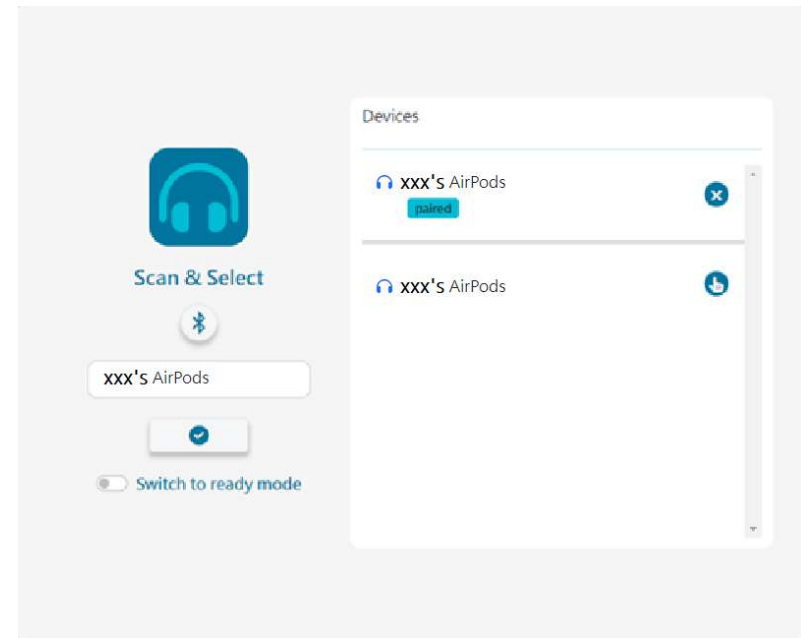
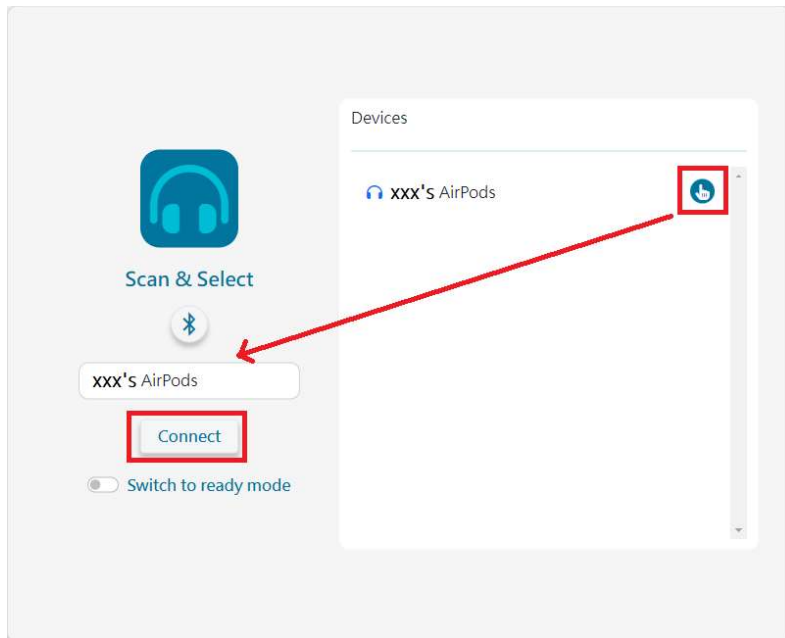
At salute device login page, click Bluetooth

WiZAVIU Client – Salute Device Setting Bluetooth



Click the Bluetooth scanning icon

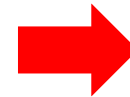
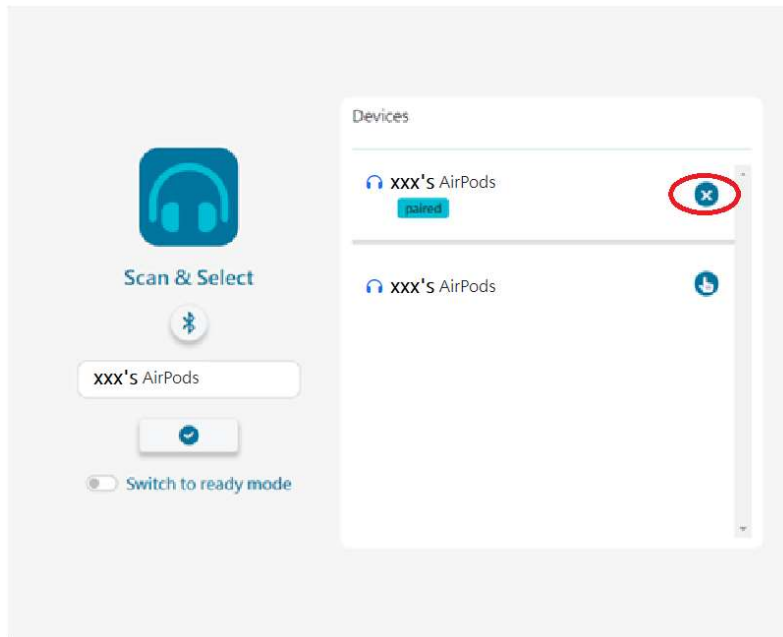
WiZAVIU Client – Salute Device Setting Bluetooth



1. After scanning, there will be a list for result
2. Click the Bluetooth device to connect



WiZAVIU Client – Salute Device Disconnect Bluetooth Device

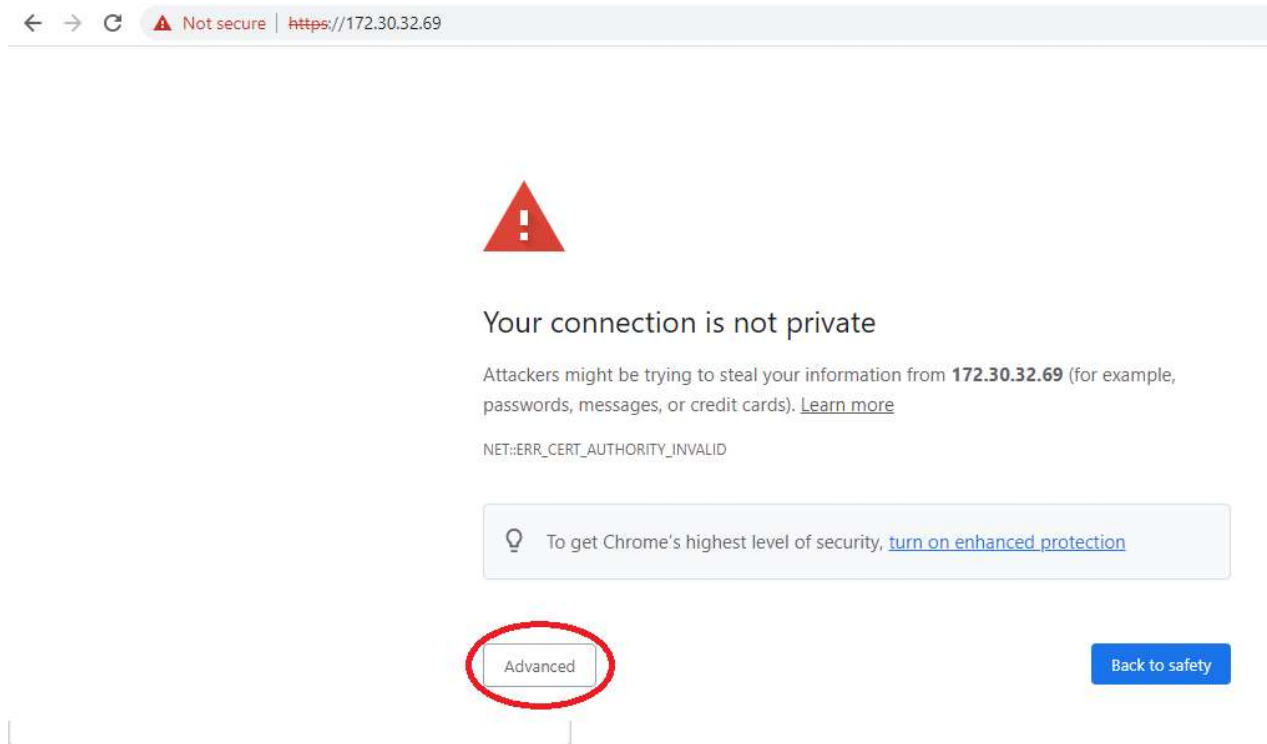


Click the X icon to disconnect the connected Bluetooth device



WiZAVIU Client – Open WiZAVIU On-Premise Web Page

- Open Web Page via Chrome, <https://172.30.32.69/>
- Click Advance






WiZAVIU Client – Open WiZAVIU On-Premise Web Page

- Click [Proceed to 172.30.32.69 \(unsafe\)](https://172.30.32.69)


← → ↻ ⚠ Not secure | https://172.30.32.69



Your connection is not private

Attackers might be trying to steal your information from **172.30.32.69** (for example, passwords, messages, or credit cards). [Learn more](#)

NET::ERR_CERT_AUTHORITY_INVALID

 To get Chrome's highest level of security, [turn on enhanced protection](#)

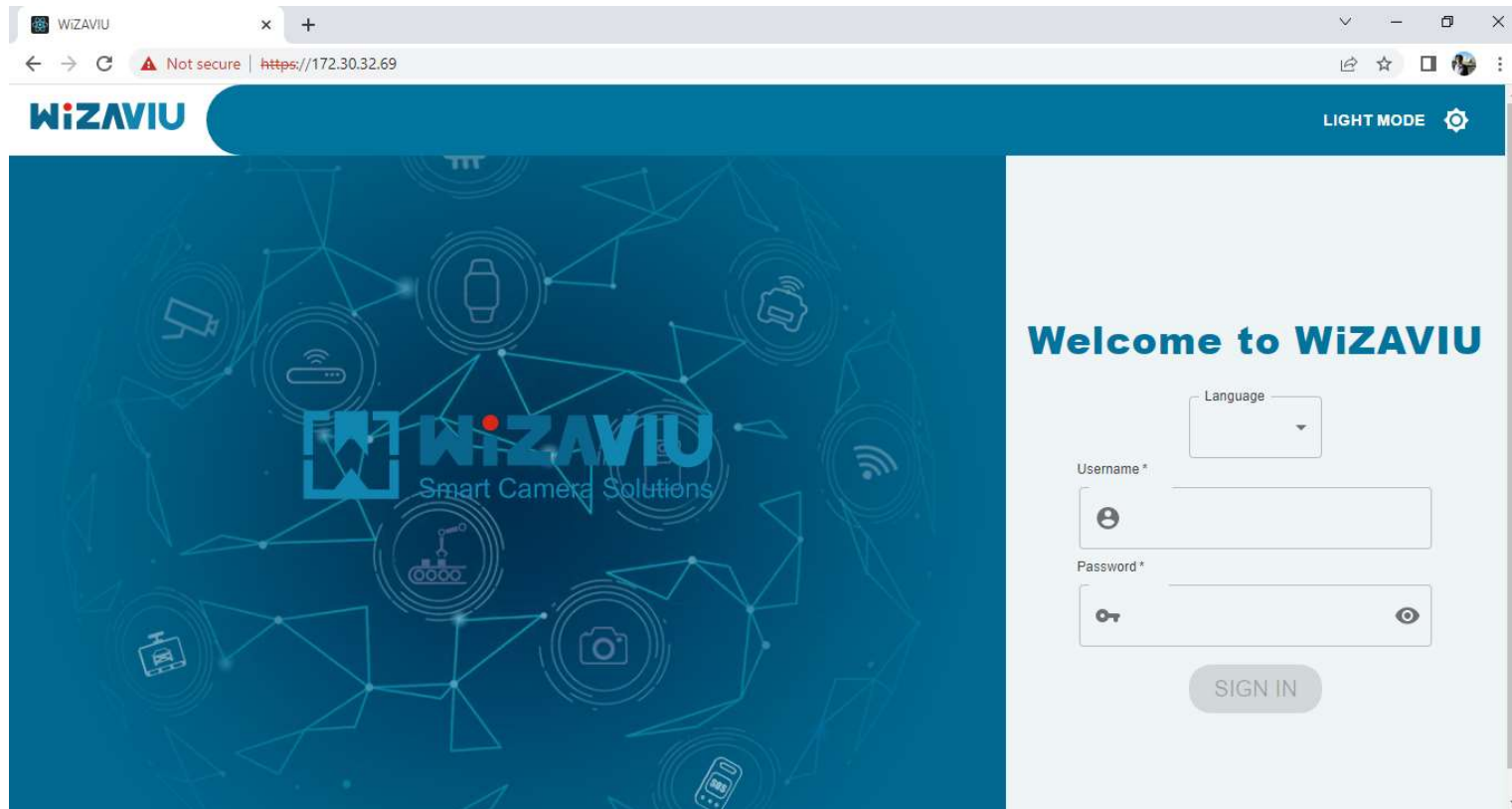
This server could not prove that it is **172.30.32.69**; its security certificate is not trusted by your computer's operating system. This may be caused by a misconfiguration or an attacker intercepting your connection.

[Proceed to 172.30.32.69 \(unsafe\)](https://172.30.32.69)



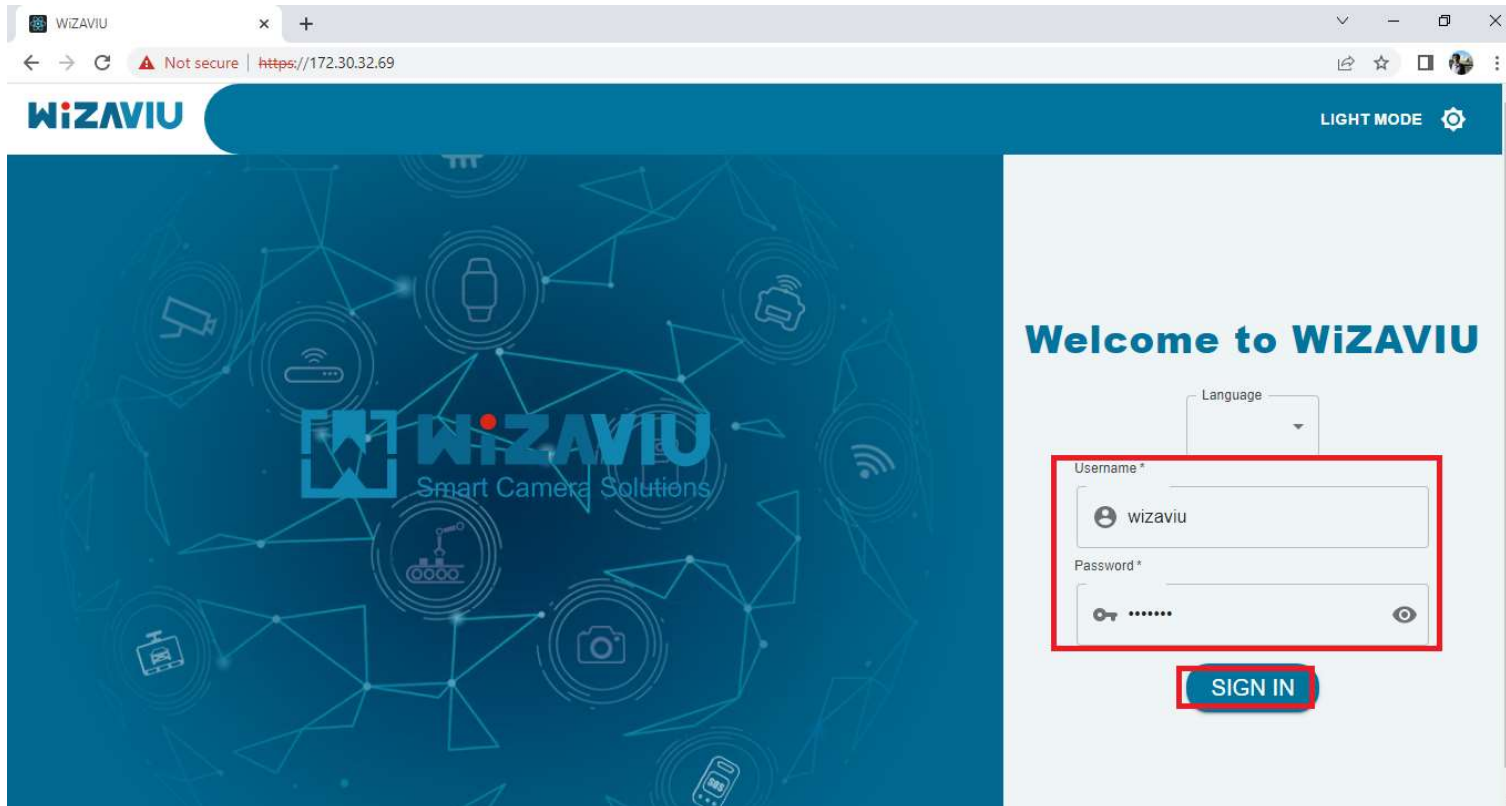
WiZAVIU Client – Open WiZAVIU On-Premise Web Page

- On-Premise Server Login page



WiZAVIU Client – Login

- Input Username and Password and click SIGN IN to login





WiZAVIU Client – Login

- After login, Dashboard will show up
- Device tab will show the registered device

The screenshot displays the WiZAVIU dashboard interface. The top navigation bar includes the WiZAVIU logo, a menu icon, and options for LIGHT MODE, settings, and SIGN OUT. The main content area is divided into three panels:

- Profile Panel:** Shows a user profile for 'svtest' with an 'Information' section containing fields for Tenant, Organization, and Tenant Hash ID.
- Device Panel:** Displays a table of registered devices. The table has columns for Name, device id, created at, and enable. A single device is listed and highlighted with a red border:

Name	device id	created at	enable
salute_b21310	860171721821310	2022-05-05 06:08:41	Disabled

Below the table, it indicates 'Rows per page: 10' and '1-1 of 1'. The PTT Groups panel on the right shows a search bar and a message 'No records to display'.

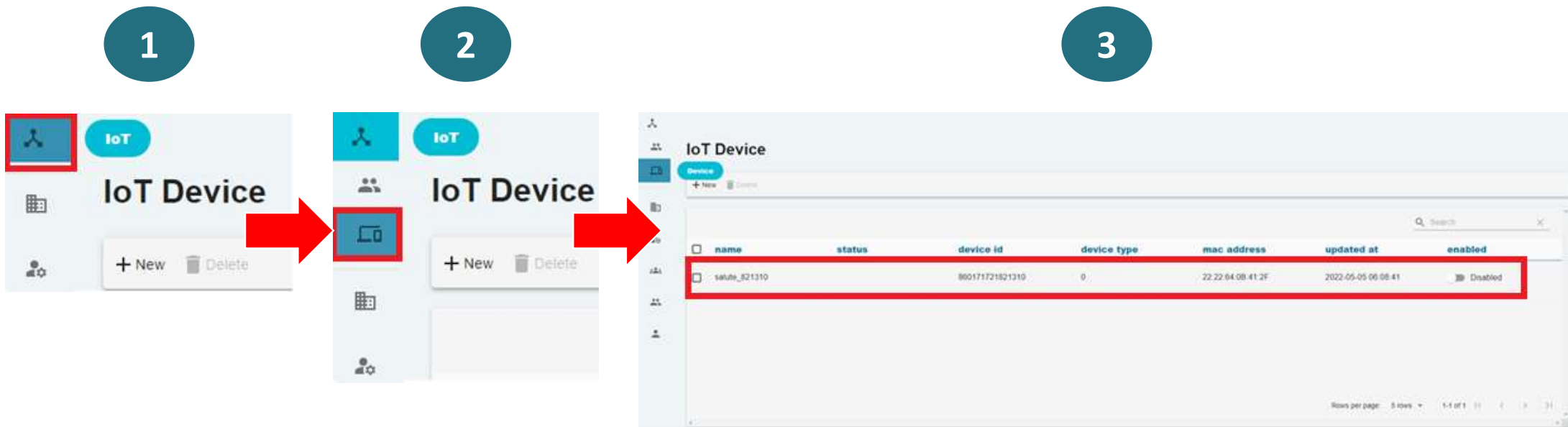
WiZAVIU Client – IOT Device and Group

- Click IOT > IOT device > Registered Device List

1

2

3

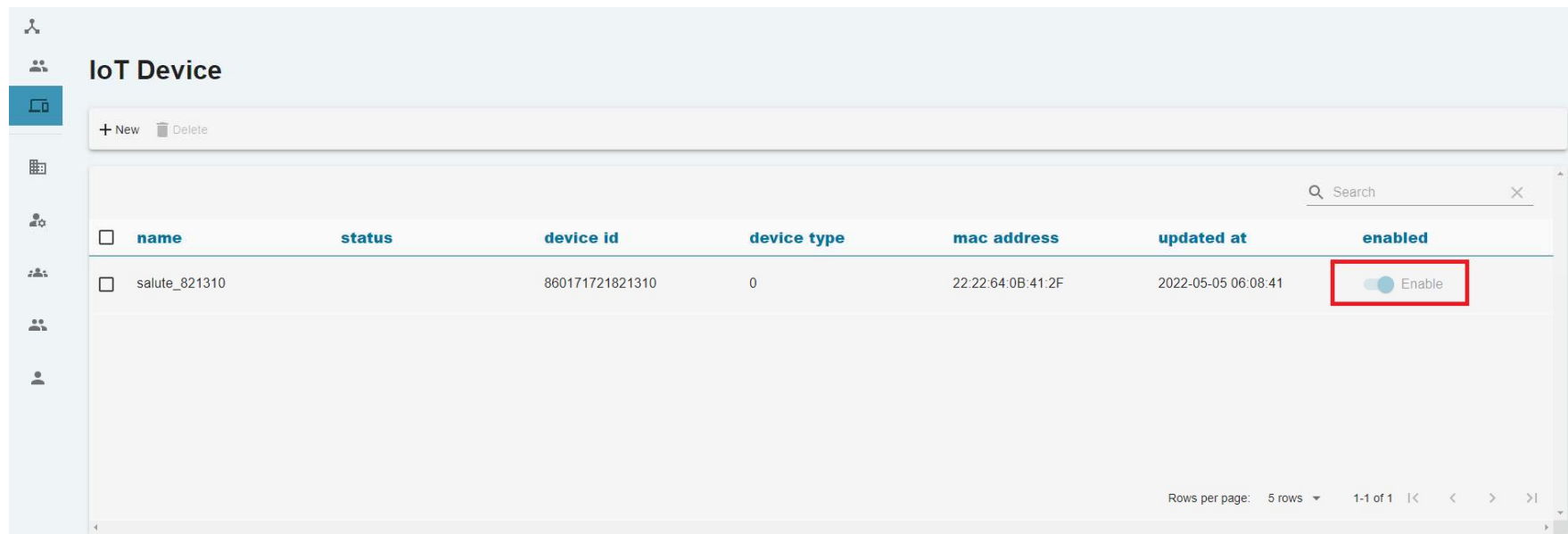


The sequence shows the navigation path from the main IoT Device menu to the Registered Device List. The final screenshot displays a table with the following data:

name	status	device id	device type	mac address	updated at	enabled
salute_821310		860171721821310	0	22.22.64.08.41.2F	2022-05-05 06:08:41	Disabled

WiZAVIU Client – IOT Device and Group

- Click Disabled to enable the IOT Device



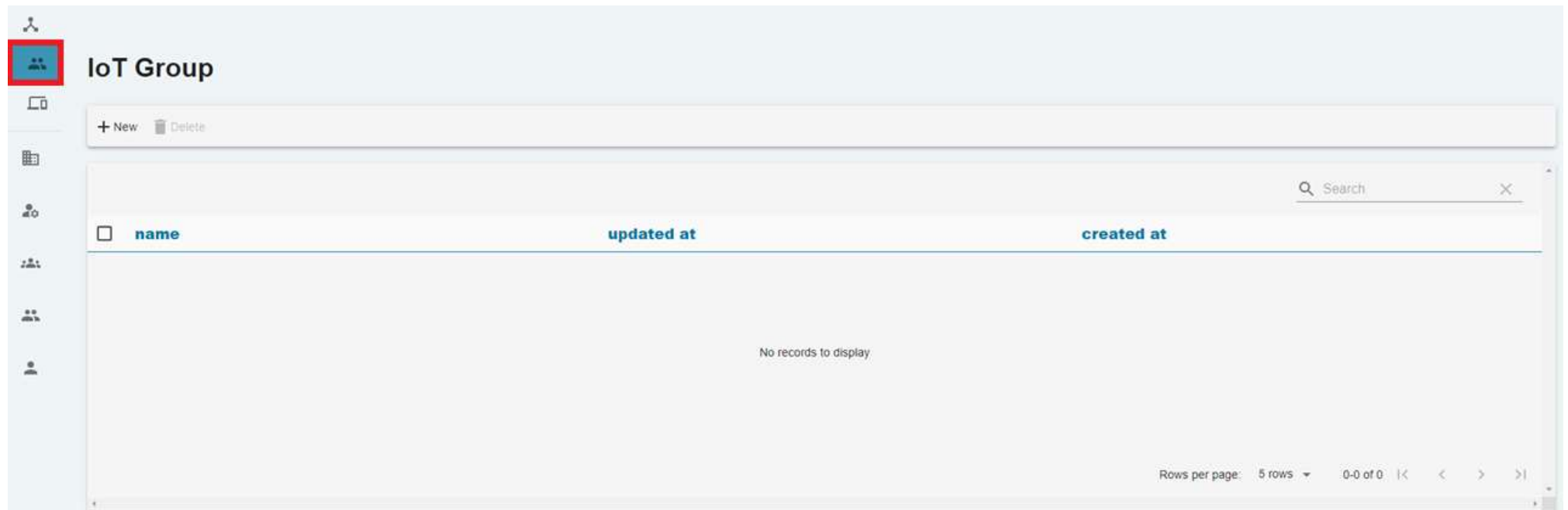
The screenshot displays the 'IoT Device' management interface. At the top, there are '+ New' and 'Delete' buttons. Below is a table with columns: name, status, device id, device type, mac address, updated at, and enabled. A search bar is located at the top right of the table. The 'enabled' column for the device 'salute_821310' contains a toggle switch labeled 'Enable', which is highlighted with a red box. The bottom of the interface shows 'Rows per page: 5 rows' and pagination controls.

<input type="checkbox"/>	name	status	device id	device type	mac address	updated at	enabled
<input type="checkbox"/>	salute_821310		860171721821310	0	22:22:64:0B:41:2F	2022-05-05 06:08:41	<input checked="" type="checkbox"/> Enable



WiZAVIU Client – IOT Device and Group

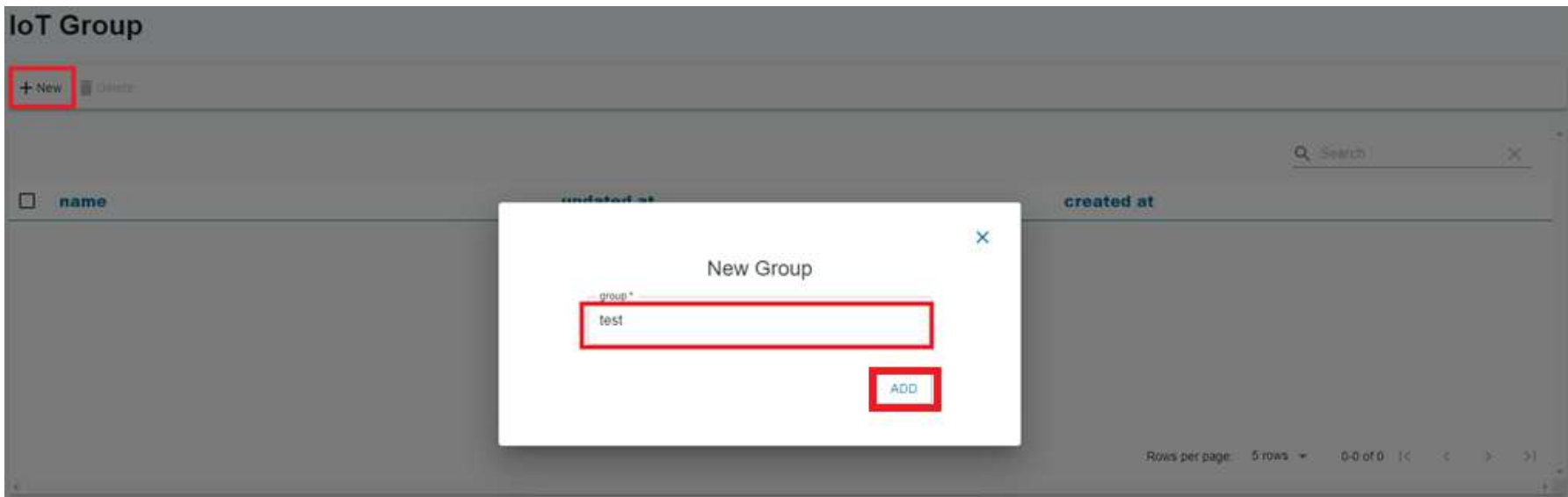
- Click IOT Group will show the IOT Group List



The screenshot displays the 'IoT Group' management interface. On the left, a sidebar contains several icons, with the 'IoT Group' icon (a group of three people) highlighted by a red square. The main content area is titled 'IoT Group' and includes a '+ New' button and a 'Delete' button. Below this is a search bar with a magnifying glass icon and the text 'Search'. The table below has three columns: 'name', 'updated at', and 'created at'. The table is currently empty, displaying the message 'No records to display'. At the bottom right, there is a pagination control showing 'Rows per page: 5 rows', '0-0 of 0', and navigation arrows.

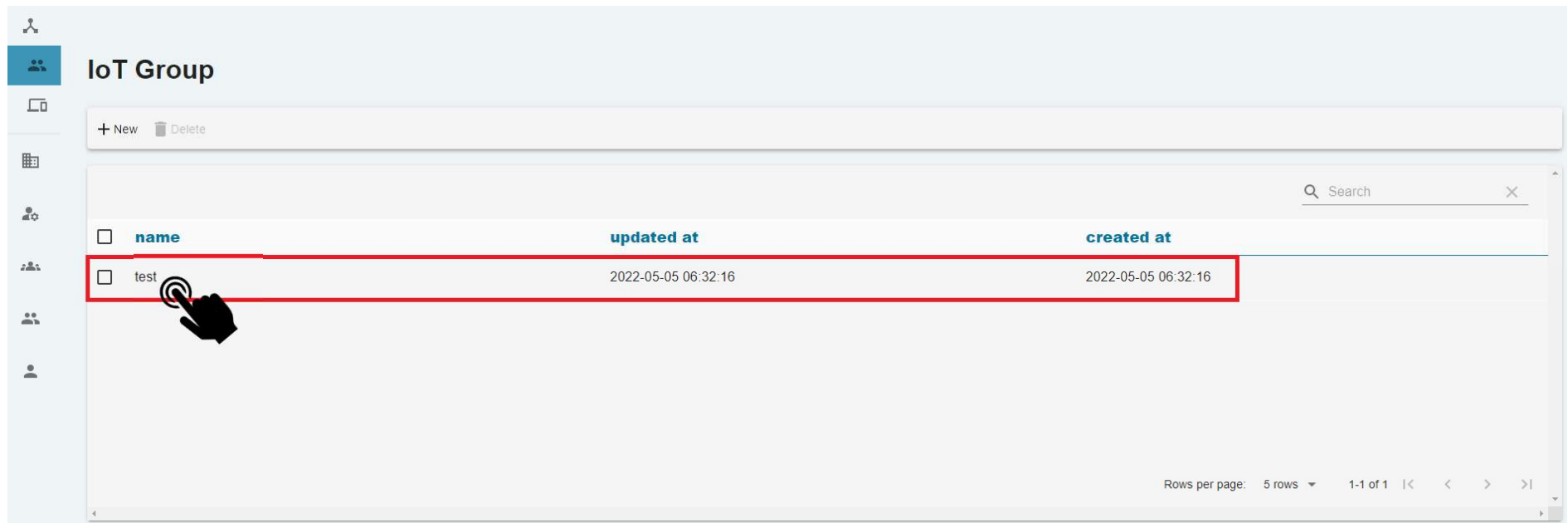
WiZAVIU Client – IOT Device and Group

- Click +New > Input the group name > Click ADD



WiZAVIU Client – IOT Device and Group

- IOT Group List > click group name “test”



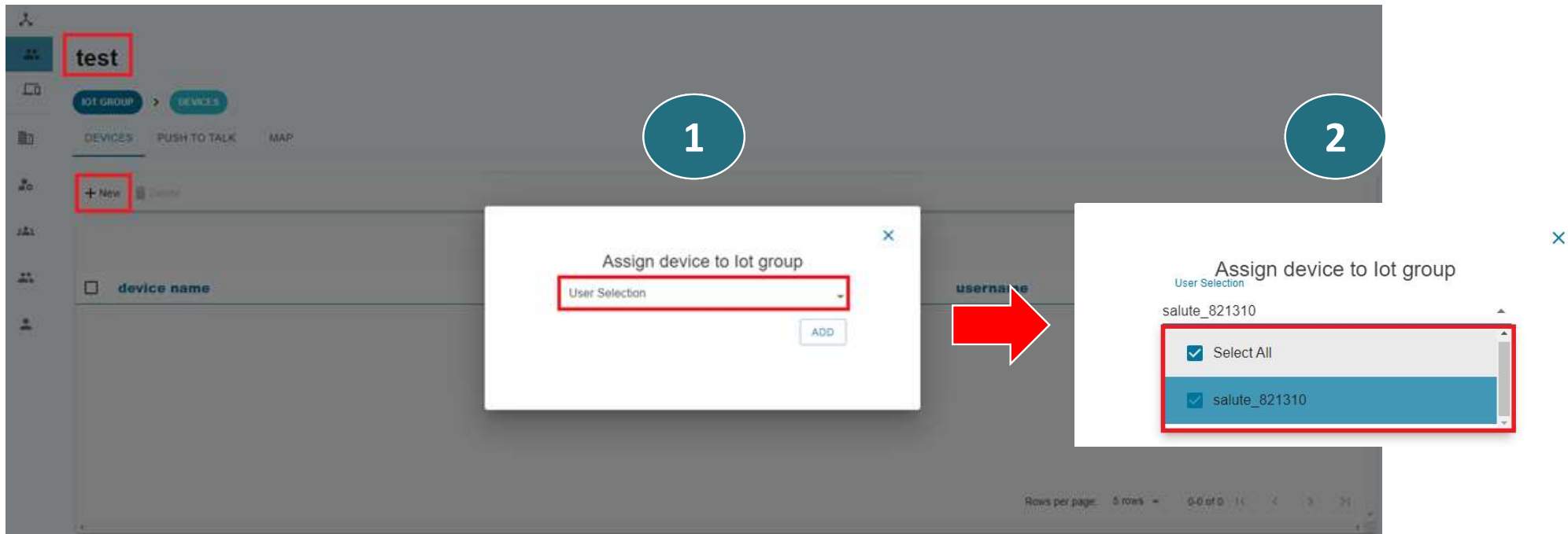
The screenshot shows the 'IoT Group' management interface. At the top, there are '+ New' and 'Delete' buttons. Below is a search bar with a magnifying glass icon and the text 'Search'. The main area contains a table with the following data:

<input type="checkbox"/>	name	updated at	created at
<input type="checkbox"/>	test	2022-05-05 06:32:16	2022-05-05 06:32:16

A red rectangular box highlights the row containing the group name 'test'. A hand icon with a target symbol is positioned over the 'test' text, indicating a click action. At the bottom right of the table, there is a pagination control showing 'Rows per page: 5 rows' and '1-1 of 1' with navigation arrows.

WiZAVIU Client – Assign IOT Device into IOT Group

- At Group “test” > Click +New
- Choose IOT Device from drop down menu



The screenshot illustrates the steps to assign an IOT device to a group. In the background, the 'test' group is selected in the sidebar, and the '+New' button is highlighted with a red box. A modal window titled 'Assign device to lot group' is open, with a 'User Selection' dropdown menu highlighted by a red box and labeled with a '1' in a teal circle. A red arrow points from this dropdown to a second modal window, also titled 'Assign device to lot group', which shows a list of users. The 'salute_821310' user is selected, and the 'Select All' option is also checked, both highlighted by a red box and labeled with a '2' in a teal circle.

WiZAVIU Client – Assign IOT Device into IOT Group

- After choosed IOT Device, Click ADD

1

Assign device to lot group

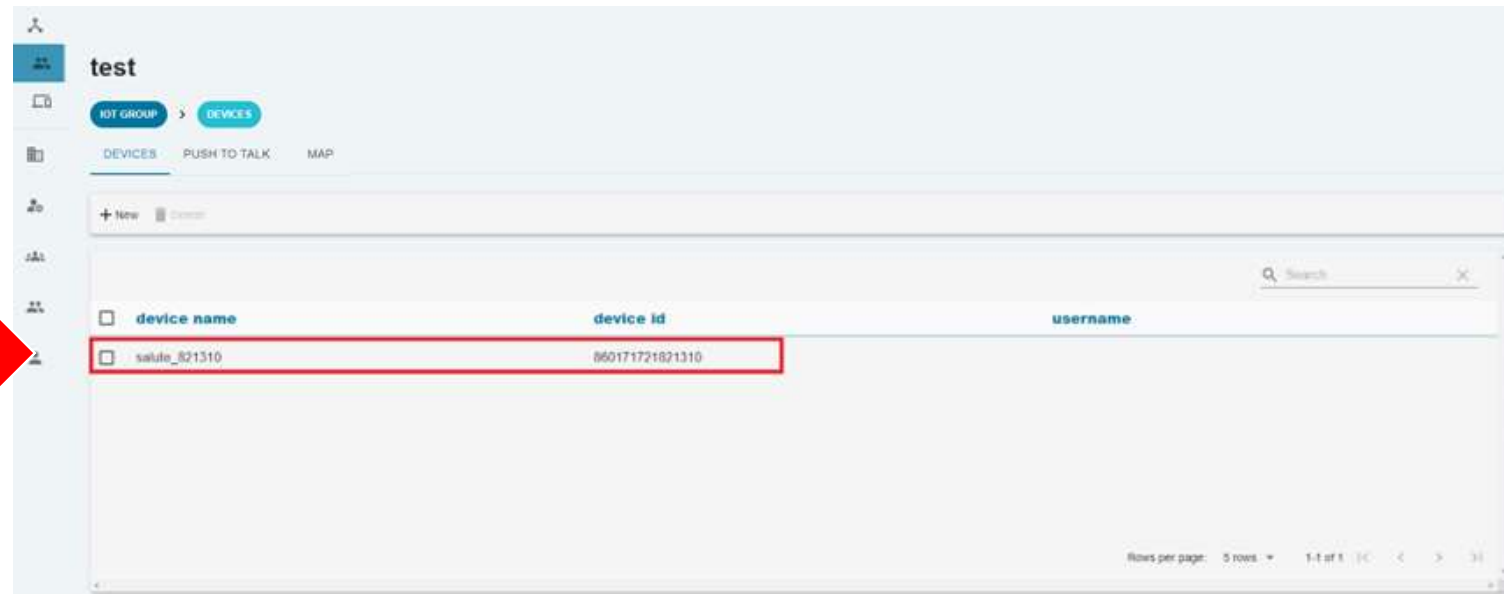
User Selection

salute_821310

ADD



2



test

IOT GROUP DEVICES

DEVICES PUSH TO TALK MAP

+ New Cancel

Search

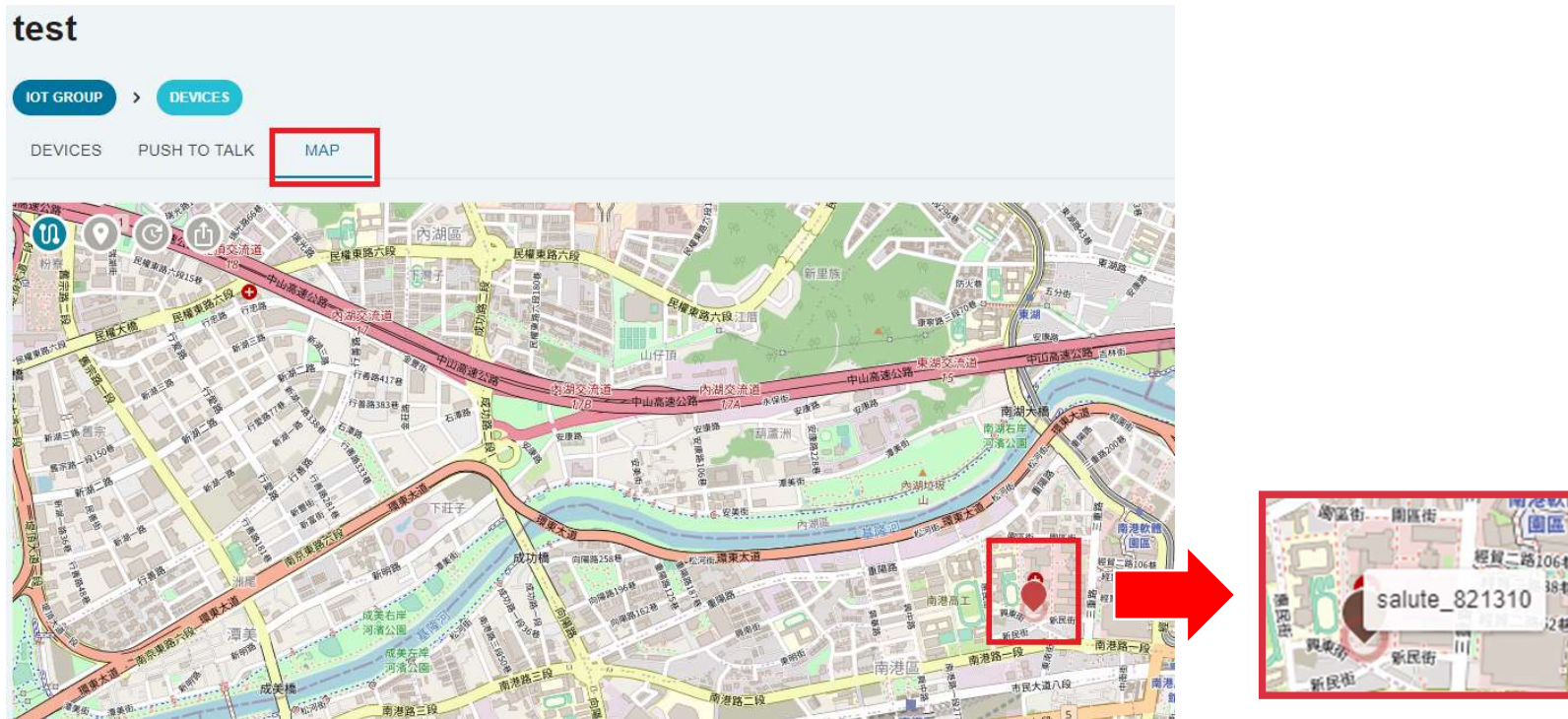
<input type="checkbox"/>	device name	device id	username
<input type="checkbox"/>	salute_821310	060171721021310	

Rows per page: 5 rows 1 of 1



WiZAVIU Client – MAP

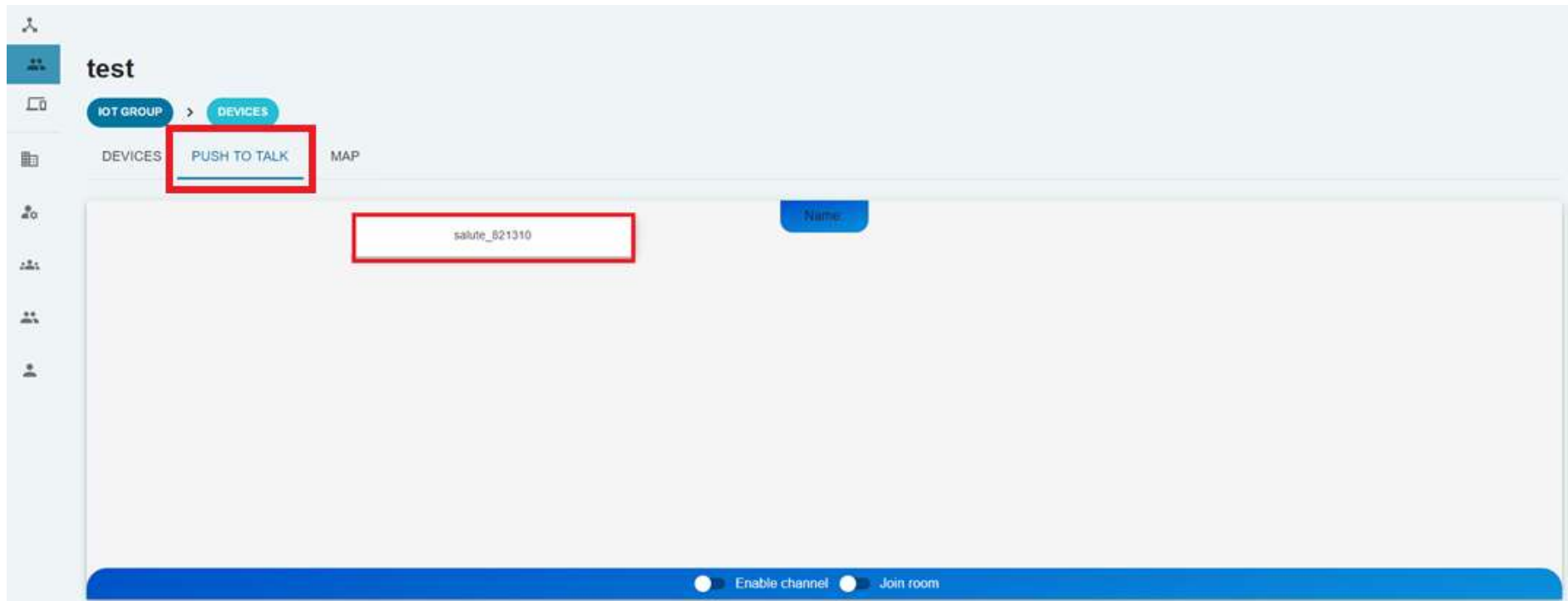
1. After assigned IOT Device into IOT Group,
 2. Click MAP and the device will be shown on the map
- P.S. Device will require network and GPS ready





WiZAVIU Client – Push To Talk

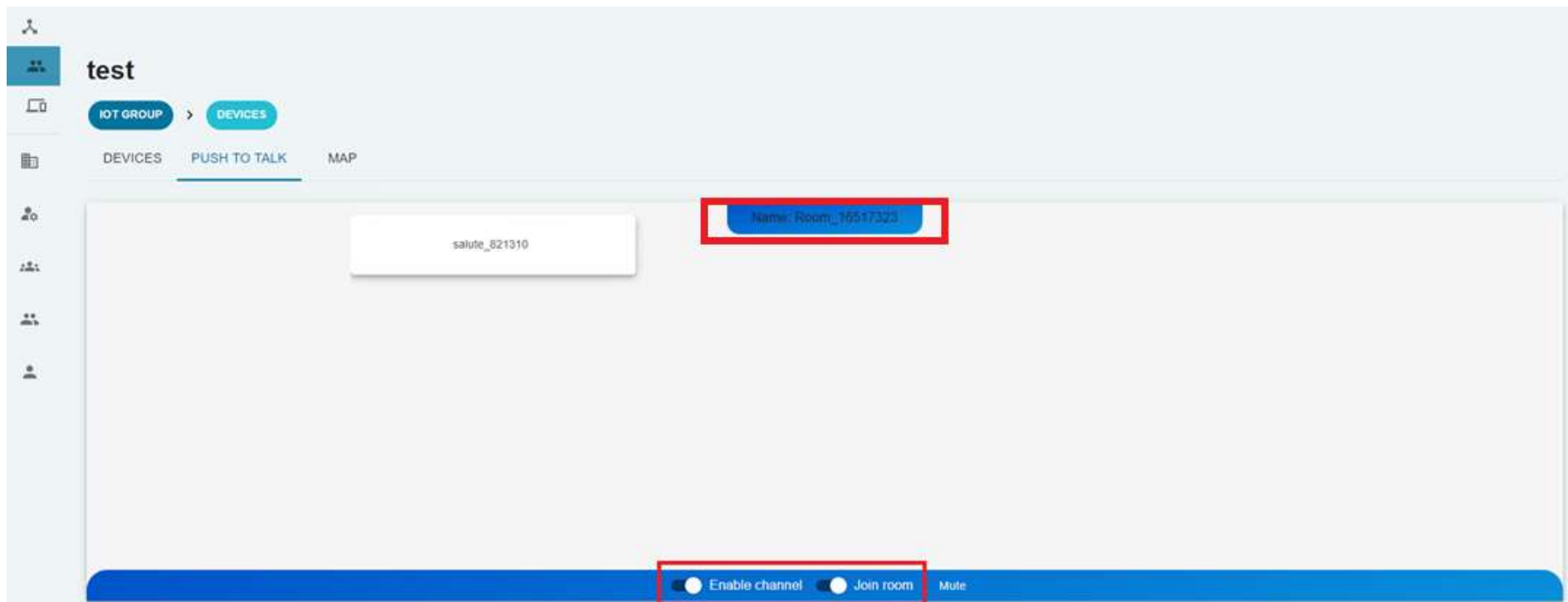
- Click “PUSH TO TALK”
- PUSH TO TALK page will show IOT Device “enabled” before





WiZAVIU Client – Push To Talk

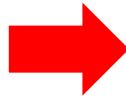
- Click Enable channel and Join room
- A Room number will be generated



Salute Device – Push To Talk

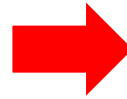
- Salute Device will show up P)) icon
- Press PTT Key and speak
 - There will be a talk icon show up on WiZAVIU Client Web Page
 - NB/PC can hear the voice from salute

1



2

PTT Key



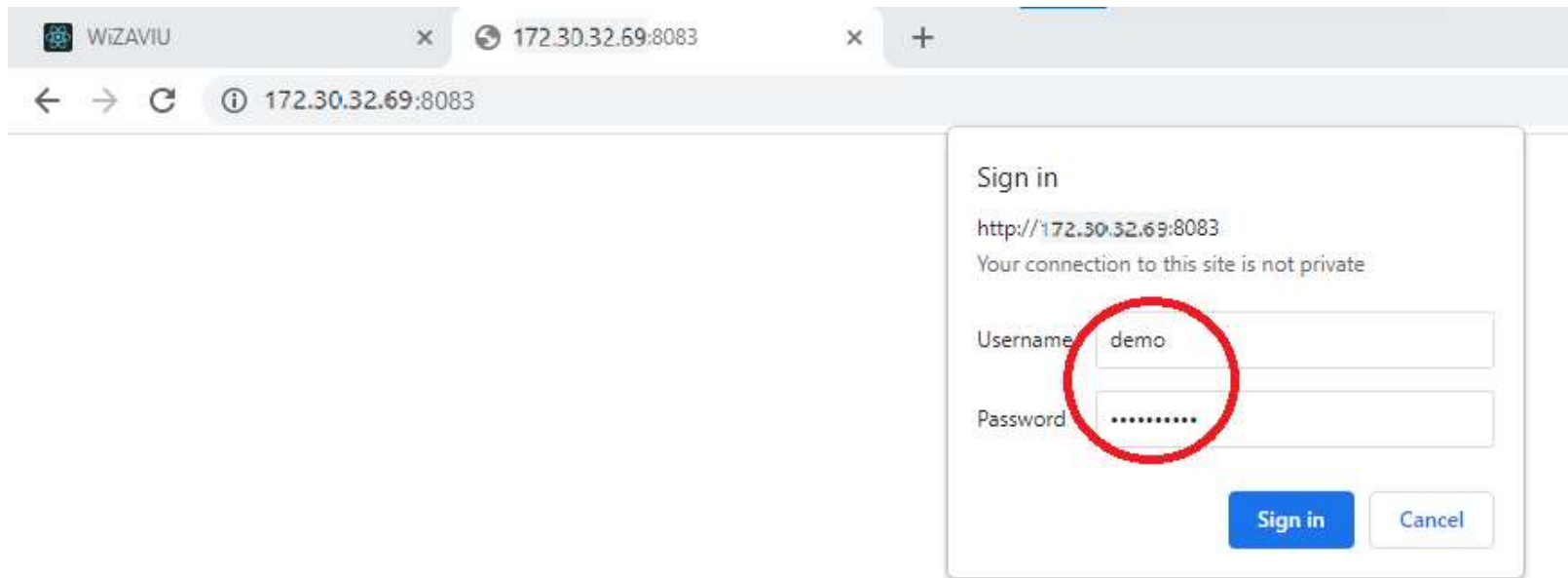
3





WiZAVIU Client – LIVE Streaming

- Open Web Page via Chrome, Enter On-Premise IP address with port 8083
- Ex. <http://172.30.32.69:8083>
- Enter Account / Password : **demo / wibasedemo** to Sign in WebRTC web page





WiZAVIU Client – LIVE Streaming

- After Sign in WiZAVIU WebRTC page, Click Demos

The screenshot shows the top navigation bar of the WiZAVIU website. The 'Demos' menu item is circled in red. Below the navigation bar, the page content includes a heading 'About', a sub-heading 'Gneral purpose WiZAVIU WebRTC server', and two paragraphs of text. The WiZAVIU logo is displayed on the right side of the page.

WiZAVIU Home **Demos** WiZAVIU

About

Gneral purpose WiZAVIU WebRTC server

WIZAVIUServer developed by WIZAVIU based on Janus conceived to be a general purpose one. As such, it doesn't provide any functionality per se other than implementing the means to set up a WebRTC media communication with a browser, exchanging JSON messages with it, and relaying RTP/RTCP and messages between browsers and the server-side application logic they're attached to. Any specific feature/application is provided by server side plugins, that browsers can then contact via Janus to take advantage of the functionality they provide. Example of such plugins can be implementations of applications like echo tests, conference bridges, media recorders, SIP gateways and the like.

The reason for this is simple: we wanted something that would have a **small footprint** (hence a C implementation) and that we could only equip with what was **really needed** (hence pluggable modules). That is, something that would allow us to deploy either a full-fledged WebRTC gateway on the cloud, or a small nettop/box to handle a specific use case.



WiZAVIU Client – LIVE Streaming

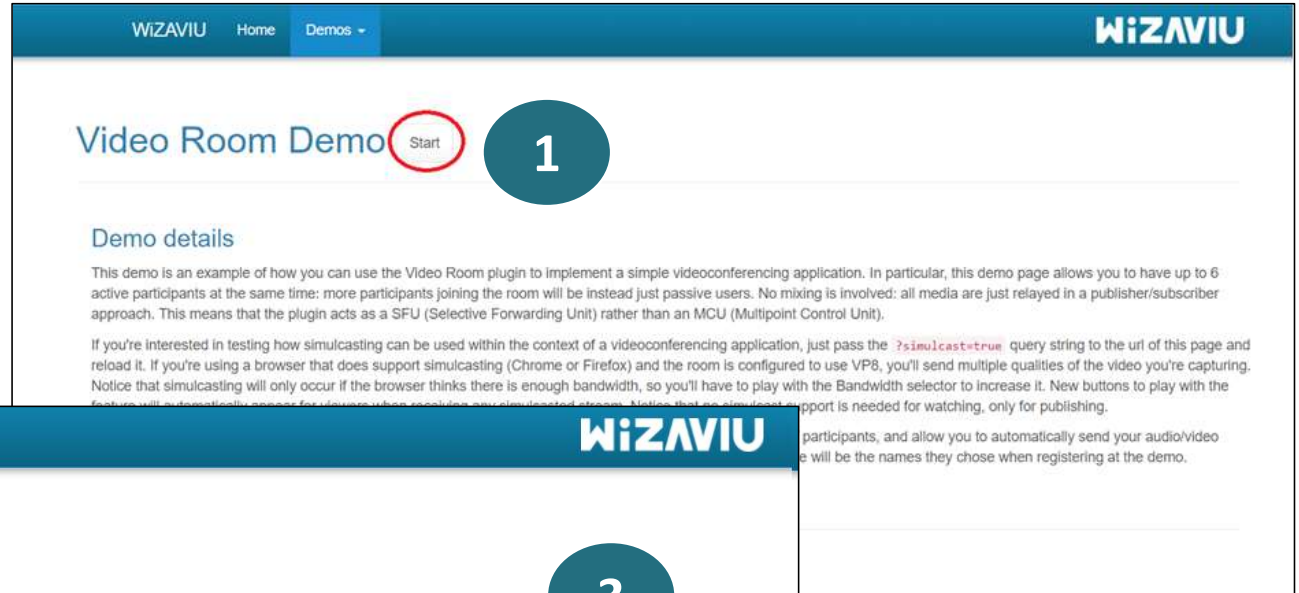
- Click Demos > Click Video Room

The screenshot shows the WiZAVIU website interface. At the top, there is a navigation bar with 'WiZAVIU' on the left and 'Home' and 'Demos' in the center. The 'Demos' dropdown menu is open, showing 'Video Room' (highlighted with a red circle) and 'Push to Talk'. Below the navigation bar, the main content area features the heading 'About' and a sub-heading 'Gneral purpose WiZAVIU WebRTC server'. The text describes the server's development based on Janus and its general purpose. To the right of the text is the WiZAVIU logo. At the bottom of the page, there is a footer with the text 'WIBASE WIZAVIU Server © WIZAVIU 2017-2022'.



WiZAVIU Client – LIVE Streaming

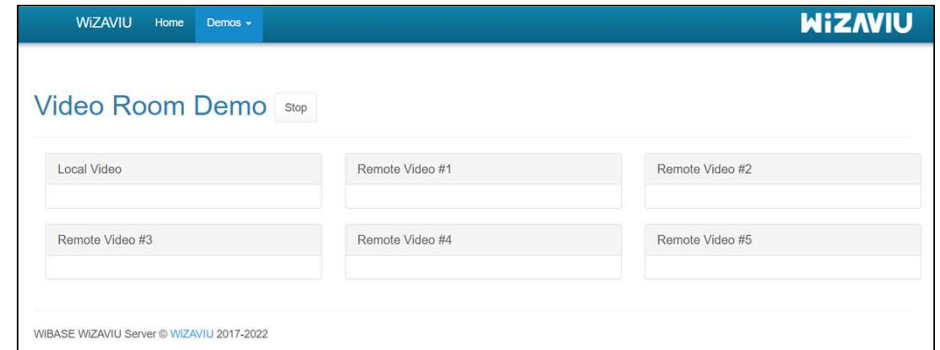
1. Click Start
2. Enter room name , ex. test
3. Click Join the room



WiZAVIU Client – LIVE Streaming

1

Into Video Room Demo Page



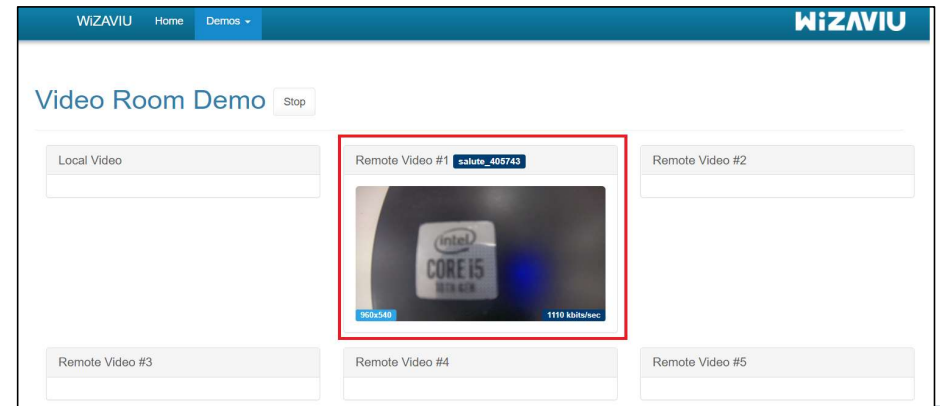
2

Salute Device Press REC button, start to Live-streaming



3

Page will show the device which now on LIVE Streaming mode





WiBASE
Industrial Solutions



THANK YOU