

2024

# Guide Document



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8/12/2024

**RECORD OF CHANGE**

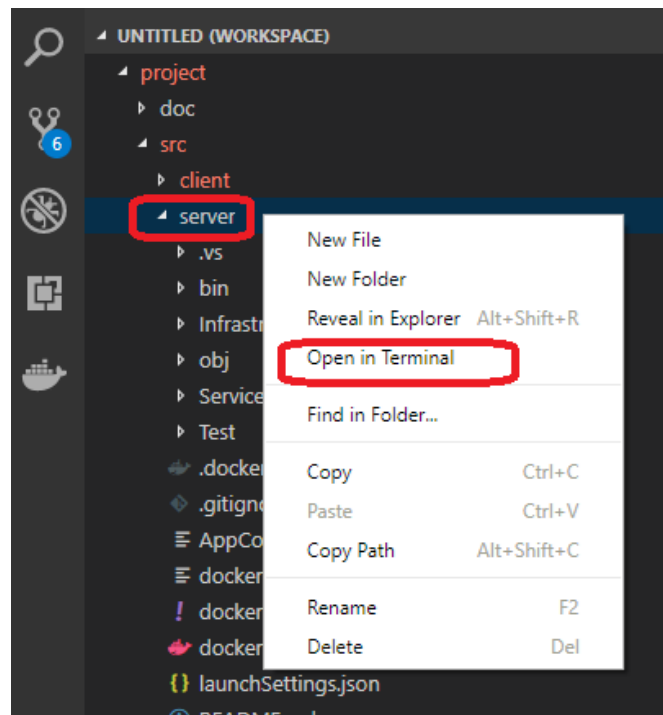
| <i>No</i> | <i>Effective Date</i> | <i>Version</i> | <i>Change Description</i> | <i>Reason</i> | <i>Updated By</i> |
|-----------|-----------------------|----------------|---------------------------|---------------|-------------------|
| 1         | Augus-12-2024         | 1.0            | Initial document          | Create        | VuPT              |
|           |                       |                |                           |               |                   |
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## 1. DEPLOYMENT

- ✓ **Step 1:** Clone source code.
- ✓ **Step 2:** On Visual Studio Code. Right click to sever folder then choice **Open in Terminal**



- ✓ **Step 3:** Run command at Terminal: **docker compose up --build**

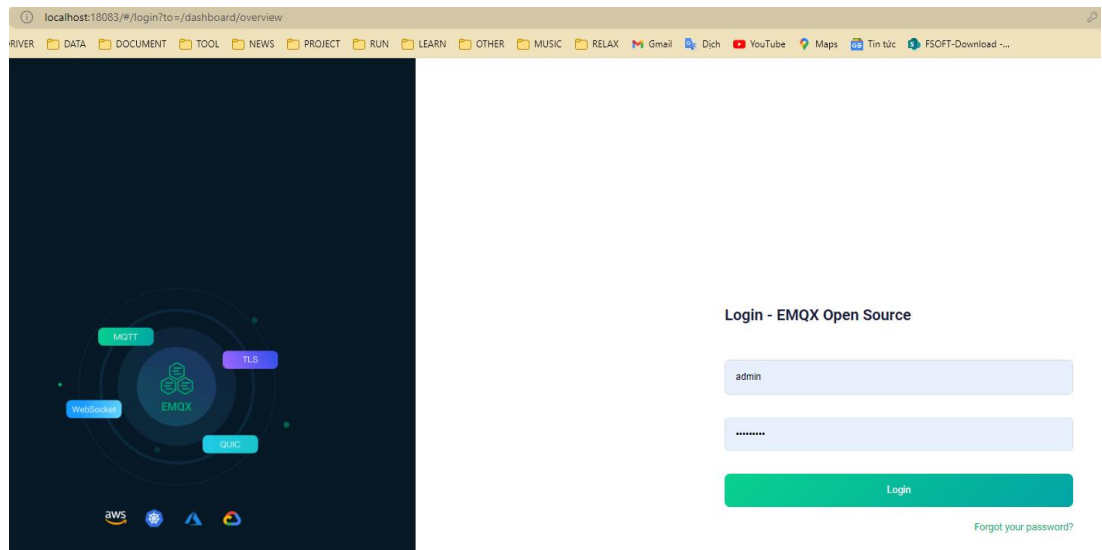
```
PS E:\NOW\20240810ELSA\project\src\server> docker compose up --build
time="2024-08-13T09:32:52+07:00" level=warning msg="E:\NOW\20240810ELSA\project\src\server\docker-compose.yml: `version` is obsolete"
time="2024-08-13T09:32:52+07:00" level=warning msg="E:\NOW\20240810ELSA\project\src\server\docker-compose.override.yml: `version` is obsolete"
[+] Running 7/6
 - redis [ ] Pulling
 - pgadmin [ ] Pulling
 - postgresdata [ ] Pulling
 - kibana [ ] Pulling
 - emqx [ ] Pulling
 - elasticsearch [ ] Pulling
```

- ✓ **Step 4:** Have a coffee and wait it done ☺

## 2. FIRST RUN SETUP

### 2.1.EMQX:

- ✓ **Step 1:** go to <http://localhost:18083>



- ✓ **Step 2:** Login with user **admin** and password **public**
- ✓ **Step3:** it request change password for first login

### 2.2.PgAdmin:

- ✓ **Step 1:** go to <http://localhost:5050/login?next=/>
- ✓ **Step 2:** Login with user **admin@AppCore.com** and password **admin**
- ✓ **Step3:** register server with name **DB**, Hostname/address **postgresdata**, user **admin**, password **admin**

Register - Server

×

General

Connection

Parameters

SSH Tunnel

Advanced

Host name/address

postgresdata

Port

5432

Maintenance database

postgres

Username

admin

Kerberos authentication?

☐

Password

.....

Save password?

☐

Role

Service

i

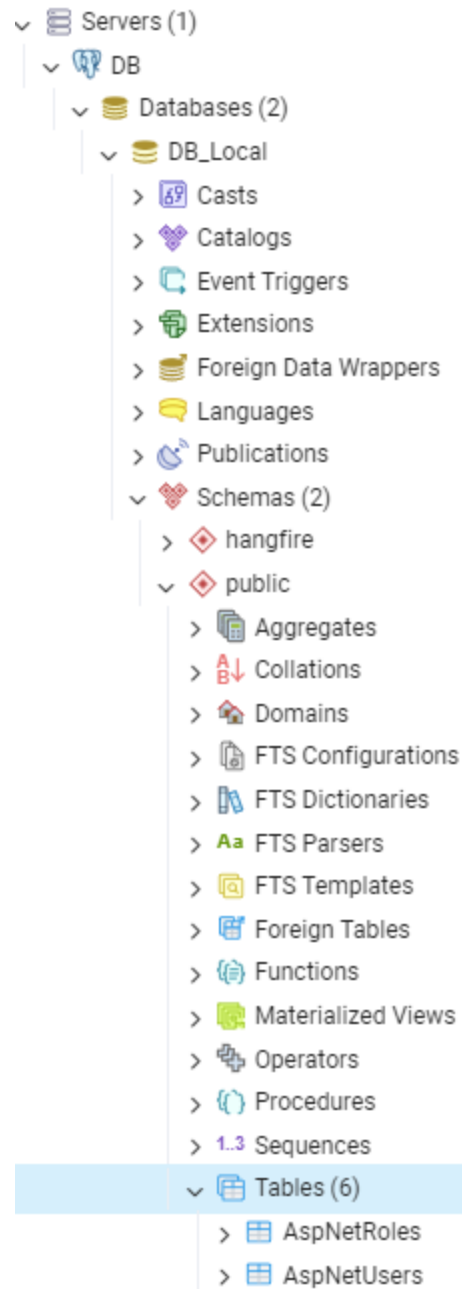
?

✕ Close

↺ Reset

💾 Save

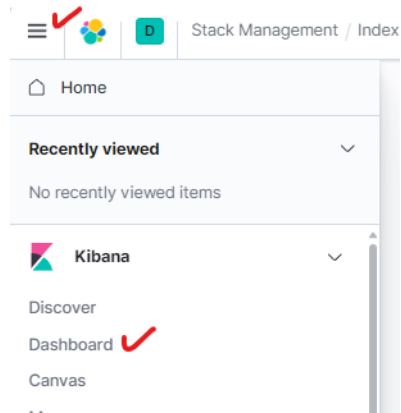
✓ **Step 4:** See the table in database



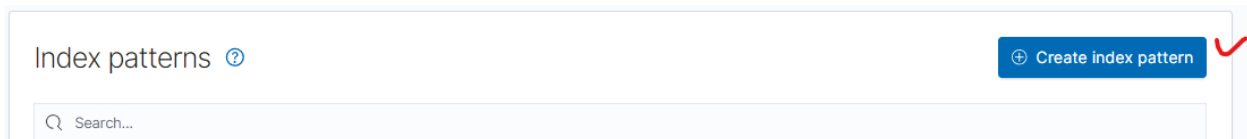
## 2.3.Kibana:

✓ **Step 1:** go to <http://localhost:5601/app/home#/>

✓ **Step 2:** Click to **Menu => Dashboard**



✓ **Step3:** Click to **Create index pattern**



✓ **Step 4:** enter **index pattern name** as **list** => click to **Next step**



## Create index pattern

An index pattern can match a single source, for example, `filebeat-4-3-22`, or **multiple** data sources, `filebeat-*`.

[Read documentation](#)

### Step 1 of 2: Define index pattern

Index pattern name

Next step >

Use an asterisk (\*) to match multiple indices. Spaces and the characters \, /, ?, ", <, >, | are not allowed.

☐ Include system and hidden indices

Your index pattern can match any of your 6 sources.

|  |       |
|--|-------|
| applogs-apigateway-development-2024-08           | Index |
| applogs-apigateway-dockerlocal-2024-08           | Index |
| applogs-appcore-core-api-development-2024-08     | Index |
| applogs-appcore-core-api-dockerlocal-2024-08     | Index |
| applogs-appcore-identity-api-development-2024-08 | Index |
| applogs-appcore-identity-api-dockerlocal-2024-08 | Index |

Rows per page: 10

✓ **Step 5:** select **@timestamp** at **Time field** => click to **Create index pattern**

### Step 2 of 2: Configure settings

applogs-apigateway-development-2024-08

Select a primary time field for use with the global time filter.

Time field

Refresh

> Show advanced options

< Back

Create index pattern

✓ **Setp 6:** click to **index Patterns** then repeat from **Step 4** => **Step 5** to add all index in list

**Ingest** ⓘ

Ingest Node Pipelines

**Data** ⓘ

Index Management

Index Lifecycle Policies

Snapshot and Restore

Rollup Jobs

Transforms

Remote Clusters

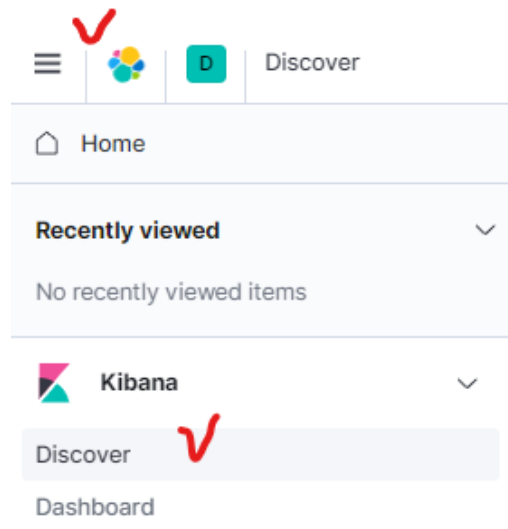
**Alerts and Insights** ⓘ

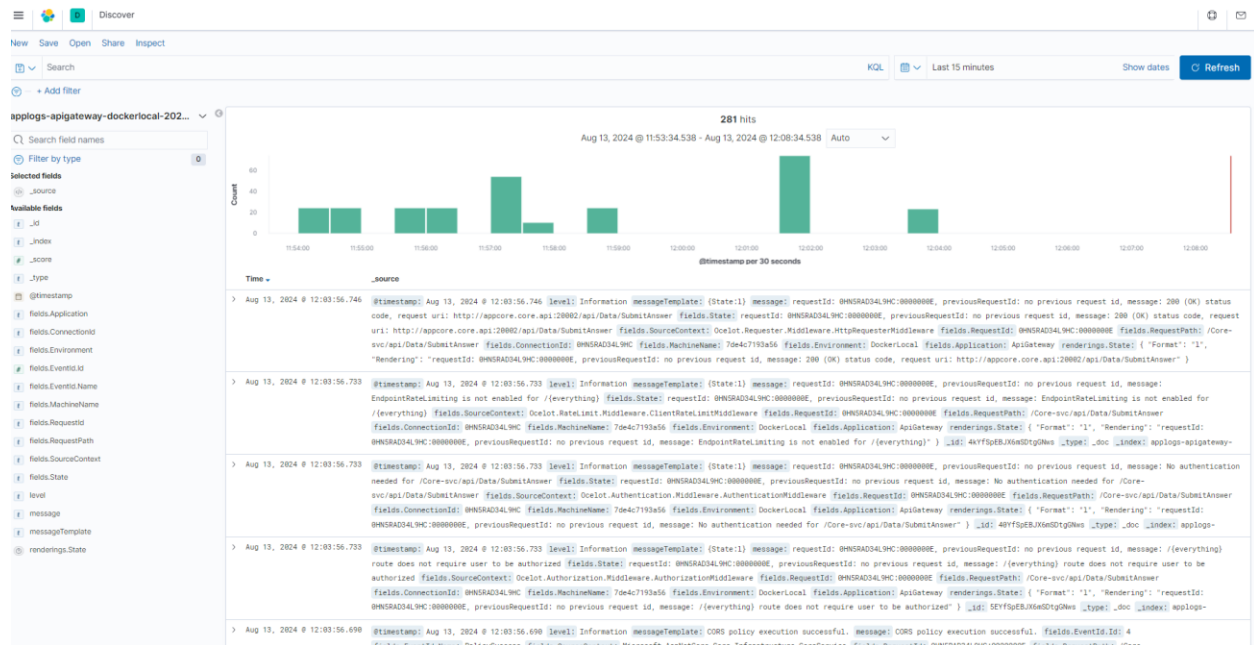
Alerts and Actions

Reporting

**Kibana** ⓘ[Index Patterns](#) ✓

✓ **Step 7:** Click to **Menu** => **Dashboard** => **Discover** to see Backend Log





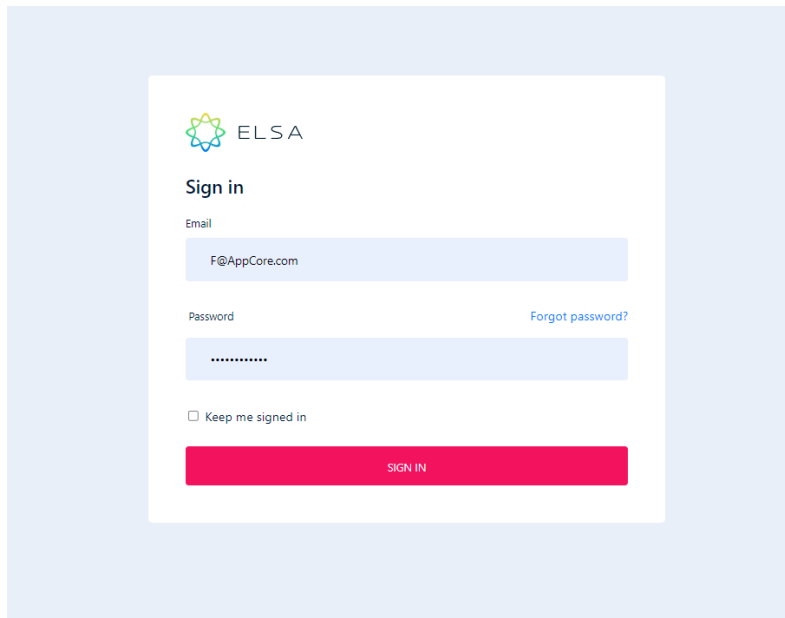
## 2.4.Web client:

### User List :

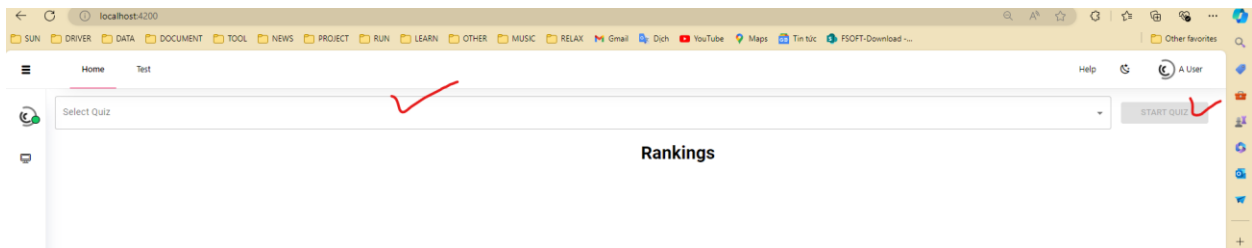
- [A@AppCore.com](#)
- [B@AppCore.com](#)
- [C@AppCore.com](#)
- [D@AppCore.com](#)
- [E@AppCore.com](#)
- [F@AppCore.com](#)

**Password Default : Def@ultP@ss9**

✓ **Step 1:** go to <http://localhost:4200>



✓ **Step 2:** Click to **Home** => **Select Quiz** => **START QUIZ** when you ready



✓ **Step 3:** Enjoy with your Quiz

**Note:** Leader board show the rank list follow your select Quiz. You can login multi User at same time to check the real time update feature

