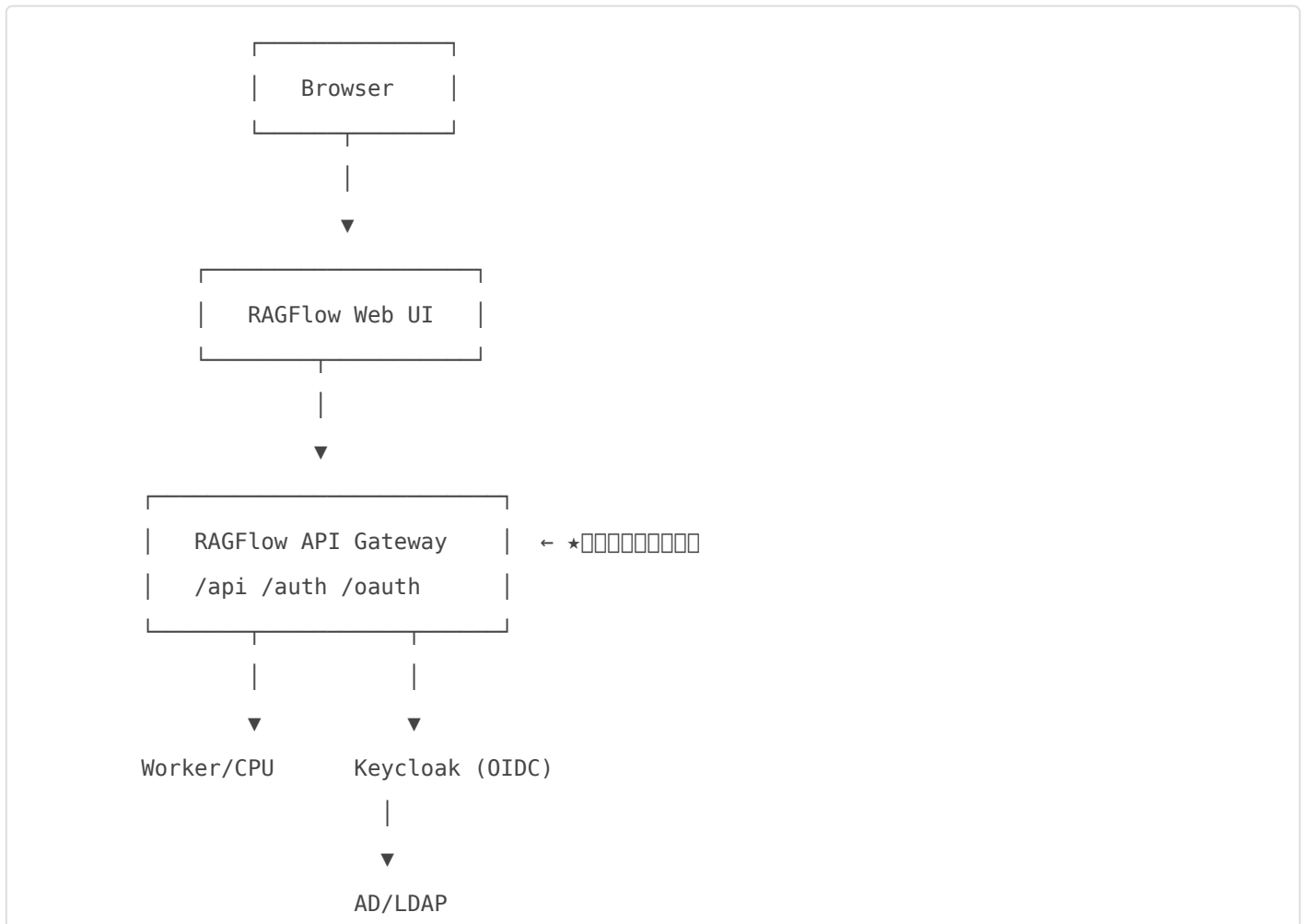


???? RAGFlow v0.26.x + Keycloak + AD?LDAP???? SSO ??????????

????? ???? RAGFlow v0.26.x + Keycloak + AD? LDAP???? SSO
????????? ???? "???? "????? demo?

???????????? Docker + ?? Keycloak + AD ???????????

? ????????????????????



? ??????????????????

□□□□□

ragflow-cpu□worker/adminserver□

□□□

□ ragflow-api□SSO□□□
□ ragflow-web□UI□□□□□

□□ □□□□ OAUTH2 □□□□□□

? ????? docker-compose??????

□□□ □□□□□□□□

? 1. ?????

```
version: "3.9"

services:

  mysql:
    image: mysql:8.0
    container_name: ragflow-mysql
    environment:
      MYSQL_ROOT_PASSWORD: ragflow
      MYSQL_DATABASE: ragflow
    volumes:
      - ./data/mysql:/var/lib/mysql

  redis:
    image: redis:7
    container_name: ragflow-redis
```

```
elasticsearch:
  image: elasticsearch:8.11.3
  container_name: ragflow-es
  environment:
    - discovery.type=single-node
    - xpack.security.enabled=false
  volumes:
    - ./data/es:/usr/share/elasticsearch/data

minio:
  image: minio/minio
  container_name: ragflow-minio
  command: server /data --console-address ":9001"
  environment:
    MINIO_ROOT_USER: minio
    MINIO_ROOT_PASSWORD: minio123456
  ports:
    - "9000:9000"
    - "9001:9001"
```

? 2. RAGFlow API????

```
ragflow-api:
  image: swr.cn-north-4.myhuaweicloud.com/infiniflow/ragflow:v0.26.1
  container_name: ragflow-api
  command: ["/entrypoint.sh", "--api-server"]
  depends_on:
    - mysql
    - redis
    - elasticsearch
  environment:
    - DB_HOST=mysql
    - REDIS_HOST=redis
    - ES_HOST=elasticsearch
    - MINIO_HOST=minio
```

?? 3. RAGFlow Web UI

```
ragflow-web:  
  image: swr.cn-north-4.myhuaweicloud.com/infiniflow/ragflow-web:v0.26.1  
  container_name: ragflow-web  
  ports:  
    - "80:80"  
  depends_on:  
    - ragflow-api
```

?? 4. Worker????????

```
ragflow-worker:  
  image: swr.cn-north-4.myhuaweicloud.com/infiniflow/ragflow:v0.26.1  
  container_name: ragflow-worker  
  command: ["/entrypoint.sh", "--worker"]  
  depends_on:  
    - ragflow-api
```

? ??Keycloak ????????????

1?? Client ??

Client ID

ragflow

Settings

- Client type: OpenID Connect
- Access type: confidential
- Standard flow: ON
- Direct access: OFF

2?? Redirect URI????

http://192.168.4.16/oauth/callback

http://192.168.4.16/*

3?? Mapper????

□□□□

Name	Mapper
username	preferred_username
email	email
groups	group membership

4?? Scope

□□□

openid email profile

?? ??RAGFlow API SSO???????

□ **ragflow-api** □

environment:

- OAUTH2_ENABLE=true
- OAUTH2_TYPE=oidc
- OAUTH2_DISPLAY_NAME=AD□□□
- OAUTH2_CLIENT_ID=ragflow
- OAUTH2_CLIENT_SECRET=xxxx

```
- OAUTH2_METADATA_URL=http://192.168.4.16:8081/realms/shuncom/.well-known/openid-configuration
```

```
- OAUTH2_REDIRECT_URI=http://192.168.4.16/oauth/callback
```

```
- OAUTH2_SCOPES=openid email profile
```

```
# 000
```

```
- OAUTH2_USER_ID_CLAIM=preferred_username
```

```
# 00000
```

```
- OAUTH2_AUTO_CREATE_USER=true
```

```
- REGISTER_ENABLED=1
```

? ??????????????????

? ??1?? worker ??? SSO

✓ 000 SSO 0 API000 worker

? ??2?email ?? user_id

✓ 000

preferred_username

? ??3?? API gateway

✓ 0000

/ api / auth / oauth endpoints

? ??????????

1?? API?????

```
curl http://192.168.4.16/api/health
```

2?? OIDC provider

```
curl http://192.168.4.16/api/auth/providers
```

3?? Keycloak redirect

□□□

```
http://192.168.4.16
```

□□□□

- □□□□
 - □ AD□□□□□□
-

? ??????????????

1?? ??????????RBAC?

Keycloak groups → RAGFlow roles□

```
AD Group → Keycloak Group → RAGFlow Role
```

2?? ???????

group = IT / Finance / Ops

3?? ?????

☐☐

- login logs
 - token logs
 - API logs
-

? ??????????????????

☐☐☐☐☐☐

- ☐ OAUTH2☐☐
- ☐ Keycloak
- ☐ AD

☐☐ ☐☐

? ?? RAGFlow API ?

☐☐☐ SSO ☐☐☐☐

? ??????????????????

☐☐☐☐☐☐☐☐☐☐☐☐

? 1. AD ? Keycloak ???????OU???

? 2. Keycloak ? RAGFlow RBAC????

? 3. ??? + ????????

? 4. ?? docker-compose ????????????

□□□□□□

“□□□□ SSO+RBAC”

□□□□□□

□□□□□□□□□□□□

yaml + keycloak□□□□

□

Revision #1

Created 30 June 2026 03:01:29 by Admin

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