



# 포팅 메뉴얼

## 1. 기술 스택

## 2. 빌드 및 배포

2-1. Jenkins를 이용한 자동 빌드 및 배포

2-2. AWS 서버 Nginx 설정파일

## 3. DB 접속 정보

데이터베이스 관리용 계정 정보

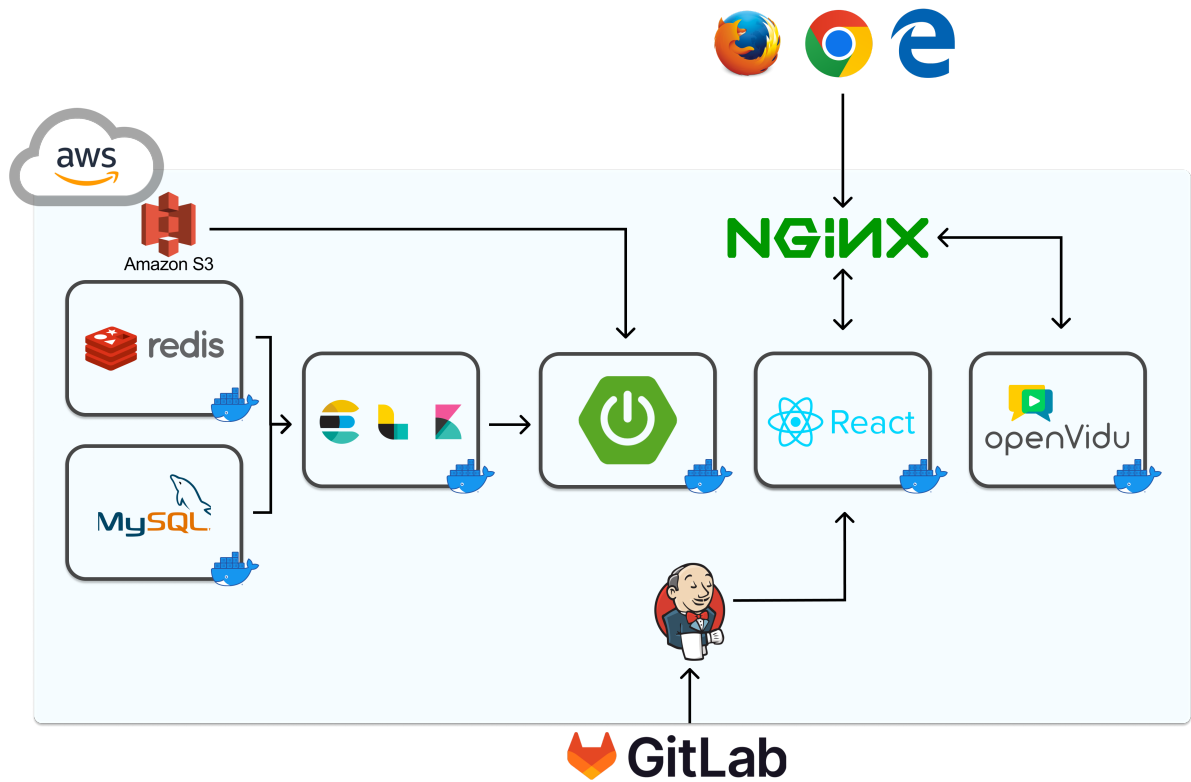
root 계정 정보

## 1. 기술 스택

- 형상관리 : Gitlab
- 이슈관리 : Jira
- 커뮤니케이션 : Mattermost
- 디자인 : figma
- OS : Window 10
- DB
  1. MySQL : 8.0.29
  2. Redis :
- Java : 11
- server
  1. java: SpringBoot
- node : 18.12.0 (LTS)
- 데이터 분석 : ELK Stack

## 2. 빌드 및 배포

### 2-1. Jenkins를 이용한 자동 빌드 및 배포



- gitlab 의 master 브랜치에서 push event 일어나는 경우 webhook 을 통해 젠킨스 자동 빌드 시작

Project Hooks (2)		
<a href="http://k7d202.p.ssafy.io:8080/project/koflowa-FE">http://k7d202.p.ssafy.io:8080/project/koflowa-FE</a> Push Events   SSL Verification: enabled	Test ▼	Edit   Delete
<a href="http://k7d202.p.ssafy.io:8080/project/koflowa-BE">http://k7d202.p.ssafy.io:8080/project/koflowa-BE</a> Push Events   Feature Flag Events SSL Verification: enabled	Test ▼	Edit   Delete

← → ↻ 주의 요함 | k7d202.pssafy.io:8080/view/all/job/koflowa-BE/

**Jenkins** 🔍 검색 (CTRL+K) 🔔 1 🚫 2 👤 d202 📄 로그아웃

Dashboard > All > koflowa-BE >

**Status**

- </> Changes
- ▶ 지금 빌드
- ⚙ 구성
- 🗑 Pipeline 삭제
- 🔍 Full Stage View
- ✎ Rename
- ❓ Pipeline Syntax

**Build History** 추인 ▼

🔍 Filter builds...

- 🟢 #77 2022.11.18. 오후 9:27 Started by GitLab push by 이미현
- 🟢 #76 2022.11.18. 오후 6:19 Started by GitLab push by 이주형
- 🟢 #75 2022.11.18. 오후 6:09 Started by GitLab push by 이주형

**Pipeline koflowa-BE**

Stage View

Average stage times:  
(Average full run time: ~23s)

	clone	gradle build	docker build
#77 Nov 18 12:27 1 commit	393ms	16s	5s
#76 Nov 18 09:19 1 commit	367ms	16s	5s
#75 Nov 18 09:09 2 commits	509ms	17s	5s
#74 Nov 18 08:58 10 commits	1s	17s	5s
#73 Nov 18 08:58 5 commits	383ms	17s	5s

상세 내용 입력  
프로젝트 중지하기

← → ↻ 주의 요함 | k7d202.pssafy.io:8080/view/all/job/koflowa-FE/

**Jenkins** 🔍 검색 (CTRL+K) 🔔 1 🚫 2 👤 d202 📄 로그아웃

Dashboard > All > koflowa-FE >

**Status**

- </> Changes
- ▶ 지금 빌드
- ⚙ 구성
- 🗑 Pipeline 삭제
- 🔍 Full Stage View
- ✎ Rename
- ❓ Pipeline Syntax

**Build History** 추인 ▼

🔍 Filter builds...

- 🟢 #134 2022.11.18. 오후 9:27 Started by GitLab push by 이미현
- 🟢 #133 2022.11.18. 오후 6:19 Started by GitLab push by 이주형
- 🟢 #132 2022.11.18. 오후 6:09 Started by GitLab push by 이주형

**Pipeline koflowa-FE**

Stage View

Average stage times:  
(Average full run time: ~4min 3s)

	clone	docker build
#134 Nov 18 12:27 1 commit	656ms	4min 20s
#133 Nov 18 09:19 1 commit	636ms	4min 10s
#132 Nov 18 09:09 2 commits	786ms	4min 2s
#131 Nov 18 08:58 10 commits	1s	3min 50s

상세 내용 입력  
프로젝트 중지하기

- 젠킨스에서 frontend 와 backend docker 빌드

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS
6fcc983d010e	openvidu/openvidu-server:2.24.0	"/usr/local/bin/entr..."	4 hours ago	Up 4 hours	
e035138be702	openvidu/openvidu-call:2.24.0	"docker-entrypoint.s..."	4 hours ago	Up 4 hours	
98713dc7276f	kurento/kurento-media-server:6.18.0	"/entrypoint.sh"	4 hours ago	Up 4 hours (healthy)	
5e32bae8df5e	openvidu/openvidu-proxy:2.24.0	"/docker-entrypoint..."	4 hours ago	Up 4 hours	
2ad2e6e66a1e	openvidu/openvidu-coturn:2.24.0	"docker-entrypoint.s..."	4 hours ago	Up 4 hours	0.0.0.0:3478->3478
c2cb095834b9	koflowa_frontend:0.1	"/docker-entrypoint..."	24 hours ago	Up 24 hours	0.0.0.0:3000->80/t
d6ce3e820757	koflowa_backend:0.1	"java -jar koflowa.j..."	24 hours ago	Up 24 hours	0.0.0.0:8448->8081
df934fbab2ca	ubuntu	"bash"	2 weeks ago	Up 2 weeks	0.0.0.0:9000->6379
bf0cc7b7c68d	mysql:8.0	"docker-entrypoint.s..."	3 weeks ago	Up 3 weeks	33060/tcp, 0.0.0.0

- 젠킨스 pipeline script

```
node {
  stage ('clone') {
    git branch: 'master', credentialsId: 'koflowa', url: 'https://lab.ssafy.com/s07-final/S07P31D202.git'
  }
  stage ('gradle build') {
    dir('back'){
      sh 'cp /var/lib/jenkins/application-secret.yml src/main/resources/application-secret.yml'
      sh 'chmod +x gradlew'
      sh './gradlew clean build -Pprofile=aws'
    }
  }
  stage ('docker build') {
    dir('back'){
      sh 'docker-compose -p koflowa_backend -f docker-compose.yml down'
      sh 'docker rmi koflowa_backend:0.1'
      sh 'docker-compose -p koflowa_backend -f docker-compose.yml up --build -d'
    }
  }
}
```

## 2-2. AWS 서버 Nginx 설정파일

```
server {
    listen 80;
    listen [::]:80;
    server_name k7d202.p.ssafy.io;
    return 301 https://$host$request_uri;
}

server {
    server_name k7d202.p.ssafy.io;

    listen 443 ssl; # managed by Certbot
    ssl_certificate /etc/letsencrypt/live/k7d202.p.ssafy.io/fullchain.pem; # managed by Cert>
    ssl_certificate_key /etc/letsencrypt/live/k7d202.p.ssafy.io/privkey.pem; # managed by Ce>

    include /etc/letsencrypt/options-ssl-nginx.conf; # managed by Certbot
    ssl_dhparam /etc/letsencrypt/ssl-dhparams.pem; # managed by Certbot

    location / {
        proxy_pass http://localhost:3000;
        proxy_set_header X-Real_IP $remote_addr;
        proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
        proxy_set_header Host $http_host;
    }

    location /openvidu {
        proxy_pass https://k7d202.p.ssafy.io:8443;
    }

    location /api {
        proxy_pass http://localhost:8448;
        proxy_set_header X-Real_IP $remote_addr;
        proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
        proxy_set_header Host $http_host;
    }
}
```

## 3. DB 접속 정보

### 데이터베이스 관리용 계정 정보

id : cheerup

pw : koflowa202@

### root 계정 정보

id : admin

pw : koflowa202@

