

SIT Profile Analyzer API

A. Setup production environment:

- Docker docker version 20.10.8 or later (recommended)

Install docker by command

```
sudo snap install docker
```

B. Build production:

- Step 1: Create a .env file and edit it based on the environment variable in the .env.example file
- Step 2: Run command:

```
docker-compose up -d --build
```

Note:

If your server can connect to the external internet. You just need to go to this step on your server and check the API at <http://your-ip-server:4500>

If your server don't have internet connection you need to do production build on local machine and follow below steps:

1. Compress and save the Docker image with the command:

```
docker save backend_sit_profile_analyzer -o ./backend_sit_profile_analyzer.tar  
docker save redis:latest -o ./redis.tar
```

2. Upload 2 zipped files from localhost to your server (redis.tar and backend_sit_profile_analyzer.tar)
3. On the server at the directory containing the 2 files you just uploaded, run the following command to import the docker image into your docker server:

```
docker load < ./backend_sit_profile_analyzer.tar  
docker load < ./redis.tar
```

4. To run the newly loaded docker images, we use the following command:

```
docker run -dit --name cache -p 6379:6379 redis:latest
```

```
docker run -dit --name backend_sit_profile_analyzer_api -p 4500:4500 -v  
/home/bjatti/configCompareTool/project/custConfs/cfgFiles:/usr/app/src/utils/cfgFi  
les -e REDIS_URL=redis://10.78.96.161 -e DATABASE_USER=a1 -e  
DATABASE_PASSWORD=Maglev123! -e DATABASE_HOST=10.78.96.161 -e  
DATABASE_NAME=custConfigDB backend_sit_profile_analyzer
```

Check API at <http://10.78.96.161:4500>

C. References

- [Docker CLI](#)
- [Redis](#)