

# MiR Robot Control System

## Configuration Check List

### Backend API

- ☒ Set database configuration in `backend/.env.dev`

```
PG_USER=postgres
PG_PASS=PdHrrfwcLuZi5K6LNZ84eZj2
PG_SERVER=178.128.53.246
PG_PORT=5432
PG_DB=mir_dev2
```

- ☒ Set limit access with API key in `backend/.env.dev`

```
API_KEY=YOUR_API_KEY
```

- ☒ !Optional. Manager and api key will share robot data via file( `data/robot_list.json` ) which configing in `backend/.env.dev`

```
ROBOT_SYNC_FILE_PATH=/data/robot_list.json
```

### Robot Manager

- ☒ Set BACKEND\_URL in `task_manager/.env.dev` to the url of the backend site

```
BACKEND_URL=http://BACKEND_IP_OR_URL/api
```

However, if you run this on the same machine as the backend, you cannot use `localhost` , but have to set it as

```
BACKEND_URL=http://backend-api:8888
```

- ☒ Set API key to be the same as **Backend API** in `task_manager/.env.dev`

```
API_KEY=YOUR_API_KEY
```

### Robot CMS

- ☒ Set API url to ip or domain of **Backend API** in `robot_cms/.env.dev`

```
NEXT_PUBLIC_API_URL=https://your-domain/api
```

- ☒ Set API key to be the same as **Backend API** in `robot_cms/.env.dev`

```
API_KEY=YOUR_API_KEY
```

### Web Server

- ☒ Change SSL Certificate in `nginx/certs` . SSL Certificate should be named as `server.crt` and `server.key`

## Deployment Guide

### How to run

Start the applications.

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

After all containers are up, services would be available by these path

Service	Path	Port
Backend-API	your-domain/api	localhost:8888
Robot-CMS	your-domain/cms	localhost:5000

Stop the applications.

```
docker-compose down --rmi all
```

restart the applications.

```
docker-compose restart
```