

Waldur Docker-compose deployment

Prerequisites

- at least 8GB RAM on Docker Host to run all containers
- Docker v1.13+

Prepare environment

```
1 # clone repo
2 git clone https://github.com/waldur/waldur-docker-
3   compose.git
4 cd waldur-docker-compose
5 # setup settings
6 cp .env.example .env
```

Booting up

```
1 # start containers
2 docker-compose up -d
3
4 # verify
5 docker-compose ps
6 docker exec -t waldur-mastermind-worker status
7
8 # Create user
9 docker exec -t waldur-mastermind-worker waldur createstaffuser -u admin -
  p password -e admin@example.com
```

Waldur HomePort will be accessible on <http://localhost>. API will listen on <http://localhost/api>.

Healthcheck can be accessed on <http://localhost/health-check>.

Tearing down and cleaning up:

```
1 docker-compose
  down
```

Upgrading Waldur

```
1  docker-compose
2  pull
   docker-compose
   restart
```

Using TLS

1. Add private key and certificate to `./certs` folder.
2. Edit `docker-compose.yml` and replace port section with '80'. This is needed to force HTTP->HTTPS redirect from a TLS proxy: `sed -i 's/${WALDUR_INTERNAL_PORT}:80/80/' docker-compose.yml.`
3. Start docker-compose with an extra TLS proxy:

```
1  # start containers
2  docker-compose up -f docker-compose.yml -f tls-
   proxy.yml -d
```

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