

Docker Swarm Hands-On

Adfinis**sy**Group

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Docker Swarm Hands-On

Deploy your first Docker Swarm service

Use what you learned until now to deploy your first swarm service

- use the image `alpine:3.7` with the command `ping 8.8.8.8`
- after deploying, scale it to 3 replicas

Deploy your first Docker Swarm service

- try to make a rolling update to image `alpine:3.9`
- after having done the update remove the service

Deploy another service

- create a new `docker-compose.yml` with 2 services
- webapp use the `admissygroup/task-redis-container` image
- use the environment variables `REDIS_HOST` and `REDIS_PORT` to connect to redis

Deploy another service

- the webapp should have 1 replica
- the second service should use the `redis4` image
- no volumes will be needed

Deploy the app and make sure it works

Update your service

Every change should be done through the `docker-compose.yml`

- scale the webapp to 3 replicas
- add a volume mapped to `/data` for the redis

Update your service

- change the image from `redis:4` to `redis:latest`
- update the service by deploying over it with an update delay of 5s

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