

Section 5. „Provisioning Swarm with Docker Machine”

Links:

<https://hub.docker.com/r/dockersamples/visualizer>

Commands:

```
$ docker-machine create -d virtualbox swarm-mgr1
$ docker-machine create -d virtualbox swarm-wrk1
$ docker-machine create -d virtualbox swarm-wrk2
$ docker-machine ssh swarm-mgr1 docker --version
$ docker-machine ssh swarm-wrk1 docker --version
$ docker-machine ssh swarm-wrk2 docker --version
$ docker-machine ssh swarm-mgr1 docker swarm init
$ docker-machine ssh swarm-mgr1 docker swarm init --advertise-
addr 192.168.99.139 # Update IP address, if necessary
$ docker-machine ssh swarm-mgr1 docker swarm join-token worker
$ docker-machine ssh swarm-mgr1 docker swarm join-token manager
$ docker-machine ssh swarm-wrk1 docker swarm join -token ...
$ docker-machine ssh swarm-wrk2 docker swarm join -token ...
$ docker-machine ssh swarm-mgr1 docker info
$ docker-machine ssh swarm-wrk1 docker info
$ docker-machine ssh swarm-wrk2 docker info
$ docker-machine env swarm-mgr1

$ docker service create --name=viz --publish=8080:8080/tcp --
constraint=node.role==manager --
mount=type=bind,src=/var/run/docker.sock,dst=/var/run/docker.soc
k dockersamples/visualizer
```

Python in Containers Course Materials

```
$ docker-machine ip swarm-mgr1
```

```
$ docker-machine rm swarm-mgr1 swarm-wrk1 swarm-wrk3
```