## Section 5. „Docker Compose File Details – Networks"

Links:

https://github.com/pythonincontainers/compose-file

Commands:

```
$ docker-compose -f split_nets.yml up -d

$ docker-compose -f split_nets.yml exec one ping -c 1 google.com

$ docker-compose -f split_nets.yml exec two ping -c 1 google.com

$ docker-compose -f split_nets.yml exec one ping -c 1 two

$ docker-compose -f split_nets.yml exec two ping -c 1 one

$ docker-compose -f split_nets.yml down -v

$ docker-compose -f internal_net.yml up -d

$ docker-compose -f internal_net.yml exec web ping -c 1
google.com

$ docker-compose -f internal_net.yml exec web ping -c 1 app

$ docker-compose -f internal_net.yml exec app ping -c 1
google.com

$ docker-compose -f internal_net.yml exec app ping -c 1 web

$ docker-compose -f internal_net.yml exec app ping -c 1 db

$ docker-compose -f internal_net.yml exec db ping -c 1
google.com

$ docker-compose -f internal_net.yml down -v

$ docker network create my_net

$ docker-compose -f external_net1/web_app.yml up -d

$ docker-compose -f external_net2/db_cluster.yml up -d
```

```
$ docker-compose -f external_net1/web_app.yml exec app ping -c 1
db2

$ docker-compose -f external_net1/web_app.yml down -v

$ docker-compose -f external_net2/db_cluster.yml down -v

$ docker-compose -f big_net.yml up -d

$ docker-container -f big_net.yml exec web ip addr show eth0

$ docker-compose -f big_net.yml down -v
```