I exposed the port 3001 and 8001 in the services own Dockerfiles to keep them visible for cross-container communication but only kept the port 8001 open for external connections through the docker-compose-file.

Here is the result of the docker container ls:

```
eckersley@DESKTOP-HBC9PVV:~$ docker container ls
CONTAINER ID   IMAGE                   COMMAND                CREATED          STATUS          PORTS
NAMES
fc854565221f   dockercompose_service1  "docker-entrypoint.s…"  23 seconds ago   Up 20 seconds   0.0.0.0:8001->8001/tcp, :::8001->8001/tcp
dockercompose_service1_1
0db2846d0828   dockercompose_service2  "docker-entrypoint.s…"  About a minute ago  Up 21 seconds   3001/tcp
dockercompose_service2_1
eckersley@DESKTOP-HBC9PVV:~$
```

And here docker network ls:

```
eckersley@DESKTOP-HBC9PVV:~$ docker network ls
NETWORK ID      NAME                      DRIVER      SCOPE
38e9a823c54c    bridge                    bridge      local
a968ea98e1f5    dockercompose_default     bridge      local
cb05f4966e64    host                      host        local
814881890d67    none                      null        local
eckersley@DESKTOP-HBC9PVV:~$
```