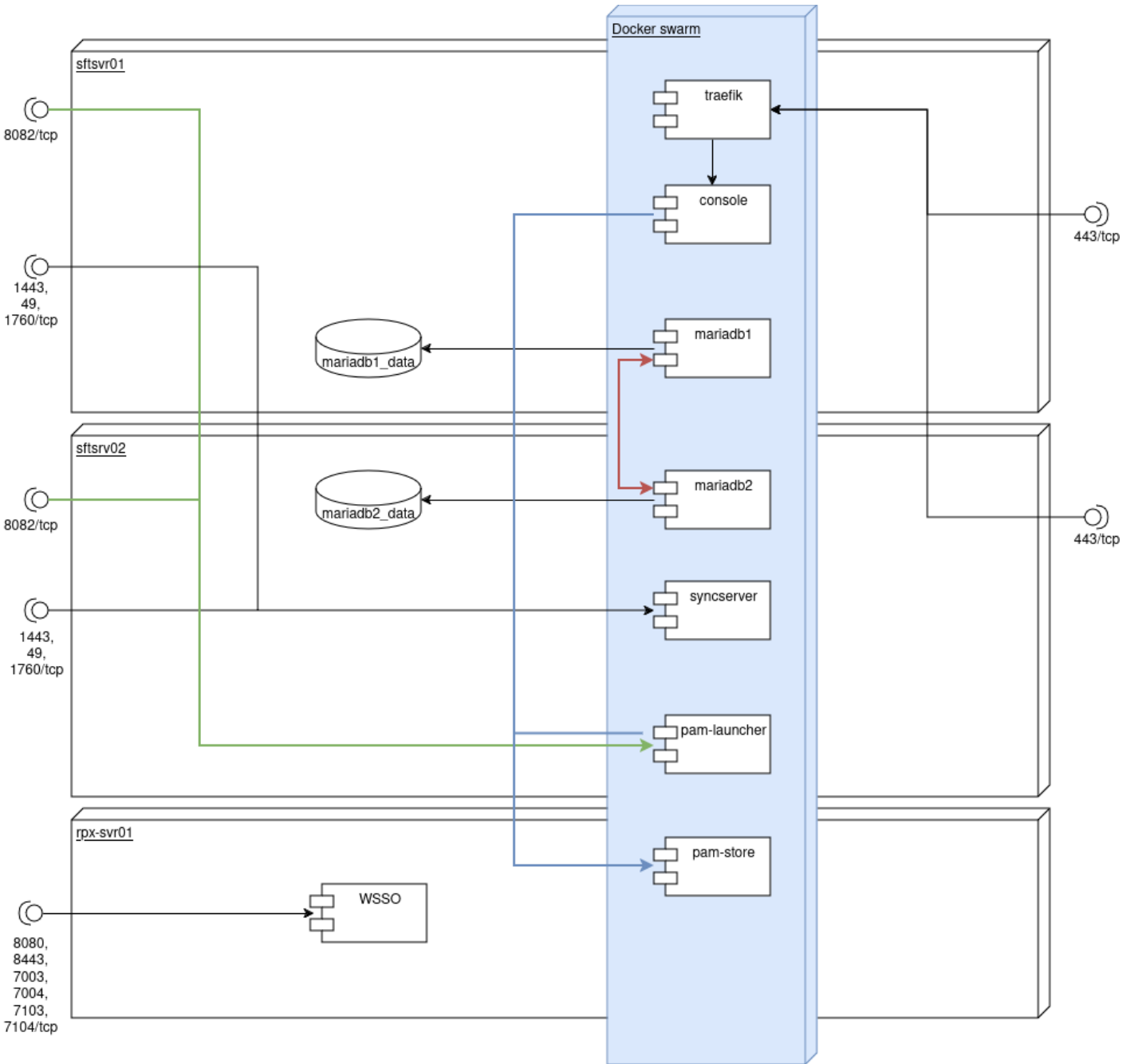


# Diagram



<b>sftsvr01/swarm/docker-compose.yml</b>

version: "3.8"

services:

mariadb1:

image: mariadb:11.1.2

environment:

MYSQL\_ROOT\_PASSWORD: IkTR.3p2

MYSQL\_DATABASE: soffid

MYSQL\_USER: soffid

MYSQL\_PASSWORD: 86h.FukT

healthcheck:

test: "/usr/bin/mariadb --user=root --password=IkTR.3p2 --execute \"SHOW DATABASES;\""

interval: 2s

timeout: 20s

retries: 10

deploy:

placement:

constraints:

- node.hostname==sftsvr01

command:

- mariabdb

- --server-id=11

- --log-bin

- --binlog-format=row

- --expire\_logs\_days=15

- --max\_binlog\_size=1000M

- --replicate-ignore-table=soffid.SC\_SEQUENCE

- --slave-skip-errors=1032,1053,1062

- --max\_allowed\_packet=256M

- --innodb\_log\_file\_size=256M

- --character-set-server=utf8mb4

- --collation-server=utf8mb4\_general\_ci

networks:

- cluster

volumes:

- mariadb1\_data:/var/lib/mysql

mariadb2:

image: mariadb:11.1.2

environment:

MYSQL\_ROOT\_PASSWORD: lkTR.3p2

MYSQL\_DATABASE: soffid

MYSQL\_USER: soffid

MYSQL\_PASSWORD: 86h.FukT

healthcheck:

test: "/usr/bin/mariadb --user=root --password=lkTR.3p2 --execute \"SHOW DATABASES;\""

interval: 2s

timeout: 20s

retries: 10

deploy:

placement:

constraints:

- node.hostname==sftsvr02

command:

- mariadb

- --server-id=22

- --log-bin

- --binlog-format=row

- --expire\_logs\_days=15

- --max\_binlog\_size=1000M

- --replicate-ignore-table=soffid.SC\_SEQUENCE

- --slave-skip-errors=1032,1053,1062

- --max\_allowed\_packet=128M

- --innodb\_log\_file\_size=256M

- --character-set-server=utf8mb4

- --collation-server=utf8mb4\_general\_ci

networks:

- cluster

volumes:

- mariadb2\_data:/var/lib/mysql

console:

image: soffid/iam-console:3.6.4

environment:

DB\_URL: jdbc:mariadb:sequential://mariadb1,mariadb2/soffid

DB\_USER: soffid

DB\_PASSWORD: 86h.FukT

ports:

- 8080:8080

networks:

- cluster

configs:

- source: trustedcert\_1
- target: /opt/soffid/iam-console-3/trustedcerts/test

syncserver:

image: soffid/iam-sync:3.6.2

hostname: soffid.postbank.lpb.co.ls

environment:

SOFFID\_PORT: 1760

SOFFID\_HOSTNAME: syncserver

SOFFID\_MAIN: "yes"

DB\_URL: jdbc:mysql:sequential://mariadb1,mariadb2/soffid

DB\_USER: soffid

DB\_PASSWORD: 86h.FukT

DB\_CONFIGURATION\_TABLE: ss1

ports:

- 1443:1443
- 49:49
- 1760:1760

networks:

- cluster

pam-store:

image: soffid/pam-store:1.4.36

networks:

- cluster

volumes:

- store\_data:/opt/soffid/tomee/data

configs:

- source: trustedcert\_1
- target: /opt/soffid/tomee/trustedcerts/test

deploy:

placement:

constraints:

- node.hostname==sftsvr01

pam-launcher:

image: soffid/pam-launcher:1.4.37

environment:

STORE\_SERVER: http://pam-store:8080

STORE\_USER: postbank1-launcher

STORE\_PASSWORD: jaQ1S7jjz6CA2WmgjsXzP0WgS/qvB603eM04q0tR87x9WzbYS3zCFJcPF32pXHPT

NETWORK\_ID: soffid\_cluster

ports:

- 8082:8080

networks:

- cluster

volumes:

- launcher\_data:/opt/soffid/tomee/launcher

- /var/run/docker.sock:/var/run/docker.sock

configs:

- source: trustedcert\_1

target: /opt/soffid/tomee/trustedcerts/test

traefik:

image: "traefik:v2.10"

command:

- "--log.level=DEBUG"

- "--configFile=/data/traefik.yaml"

- "--log=true"

ports:

- target: 443

published: 443

protocol: tcp

#- "9000:9000"

volumes:

- /var/run/docker.sock:/var/run/docker.sock:ro

- ./traefik:/data

networks:

- cluster

networks:

cluster:

attachable: true

ipam:

config:

- subnet: 10.250.0.0/16

```
volumes:
  mariadb1_data:
    name: compose-mariadbdata
    external: true
  mariadb2_data:
    name: compose-mariadbdata
    external: true
  store_data:
    name: compose_store_data
  launcher_data:
    name: compose_launcher_data
```

```
configs:
  trustedcert_1:
    file: ./trustedcerts/test
```

### **sftsvr01/traefik/traefik.yaml and sftsvr02/traefik/traefik.yaml**

```
entryPoints:
  web:
    address: ":443"
  traefik:
    address: ":9000/tcp"
api:
  dashboard: true
providers:
  file:
    directory: /data/dynamic
    watch: true
```

### **sftsvr01/traefik/dynamic/console.yaml and sftsvr02/traefik/dynamic/console.yaml**

```
http:
  routers:
    consola:
```

entryPoints:

- web

rule: "PathPrefix(`/`)"

service: consola

tls:

options:

services:

consola:

loadBalancer:

sticky:

cookie:

name: server

secure: true

httpOnly: true

servers:

- url: http://console:8080/

healthCheck:

scheme: http

path: /soffid/anonymous/logo.svg

port: 8080

## **sftsvr01/traefik/dynamic/certs.yaml and sftsvr02/traefik/dynamic/certs.yaml**

tls:

stores:

default:

defaultCertificate:

certFile: /data/dynamic/25122be6d01ad29b.crt

keyFile: /data/dynamic/server.key

## **rpx-svr01/docker-compose.yaml**

version: "3.8"

services:

wss0:

#image: soffid/wss0:1.2.2-2

image: soffid/wss0:1.3.0

networks:

- host

volumes:

- type: volume  
source: shib  
target: /etc/shibboleth
- type: volume  
source: http  
target: /etc/apache2

ports:

- 8080:8080
- 8443:8443
- 7003:7003
- 7004:7004
- 7103:7103
- 7104:7104

volumes:

shib:

#name: /opt/soffid/shib

http:

#name: /opt/soffid/http

networks:

host:

Revision #10

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