app

x

deploy

web

scalable

scalable

app
- backend
- frontend ～▷
- data bense

cloud [load balancing]

1
2
3

CI/CD → ✓ ✓ ✓

app → direct (without dockerization) → host / α → o.s

scalable {
  1. upload
  2. on requirements.txt → install
  3. running the app.
}

app → dockerized app → Image deploy → docker run...
                                    → Single machine Server

{ - Simple
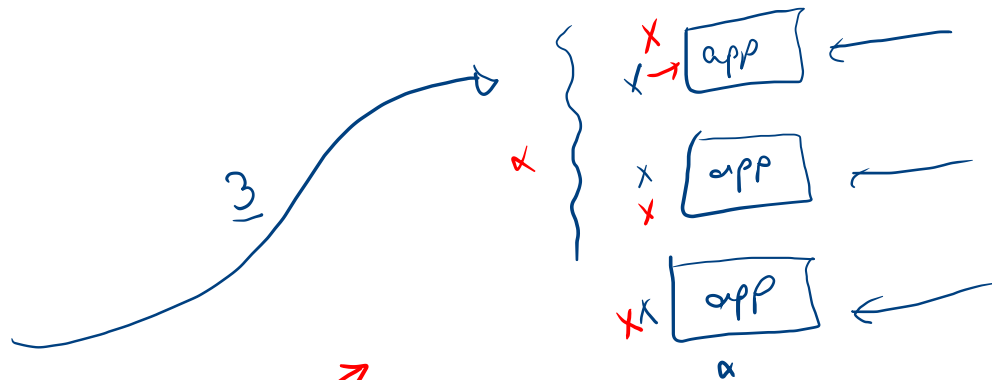{ - scalable

3

app

app

app
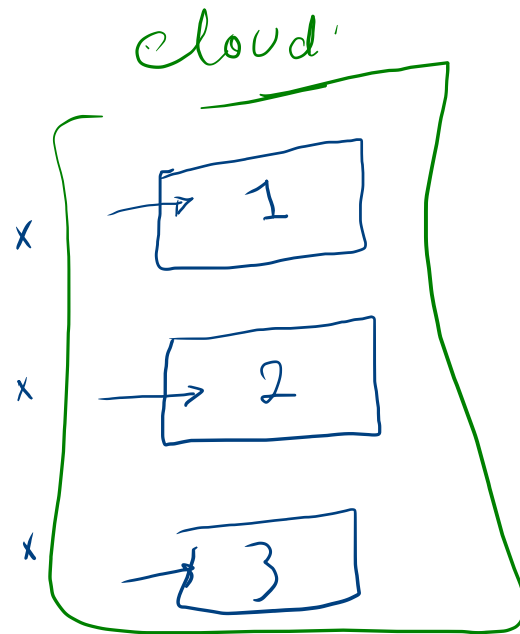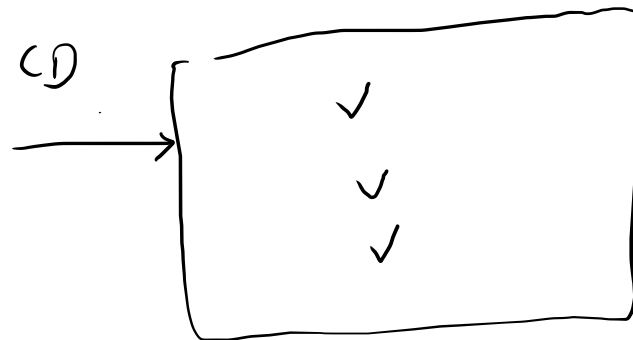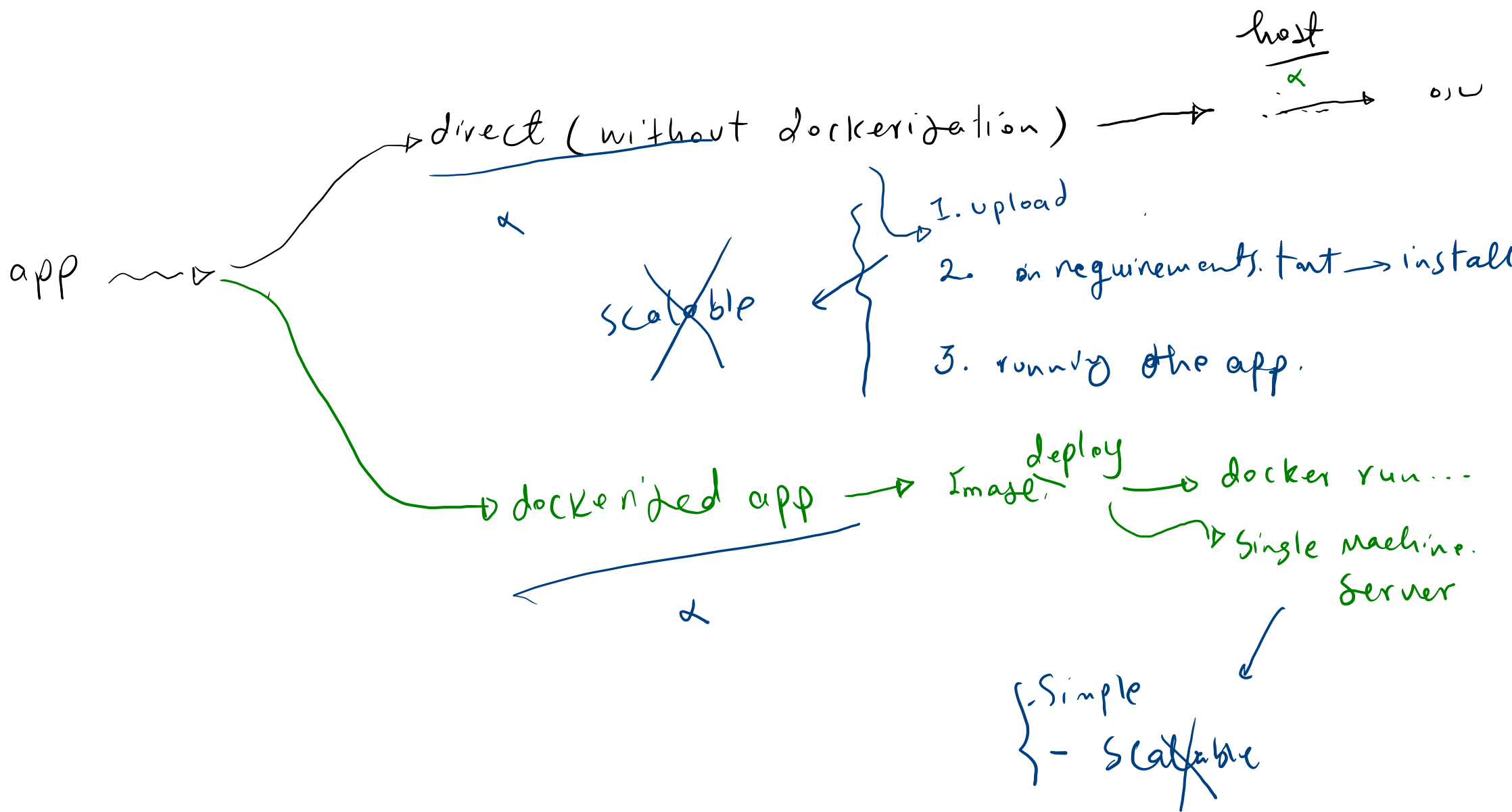
load balancy.
&
scalable.

Docker Swarm → Docker

Kubernetes

Digikal

Smart

cloud → Digital ocean
     → Herku

bank
account

AWS
GCP
Azure

local best

Docker
SWARM

app

Local

Most
a cloud

DS { load
balancing }

registry
own
server.

Img
Docker-hub
Gittlab ...

Cloud
Serv
serv
serv
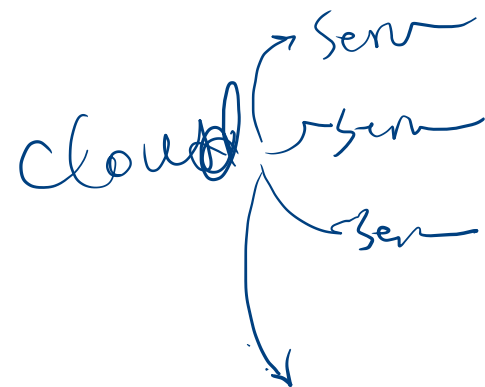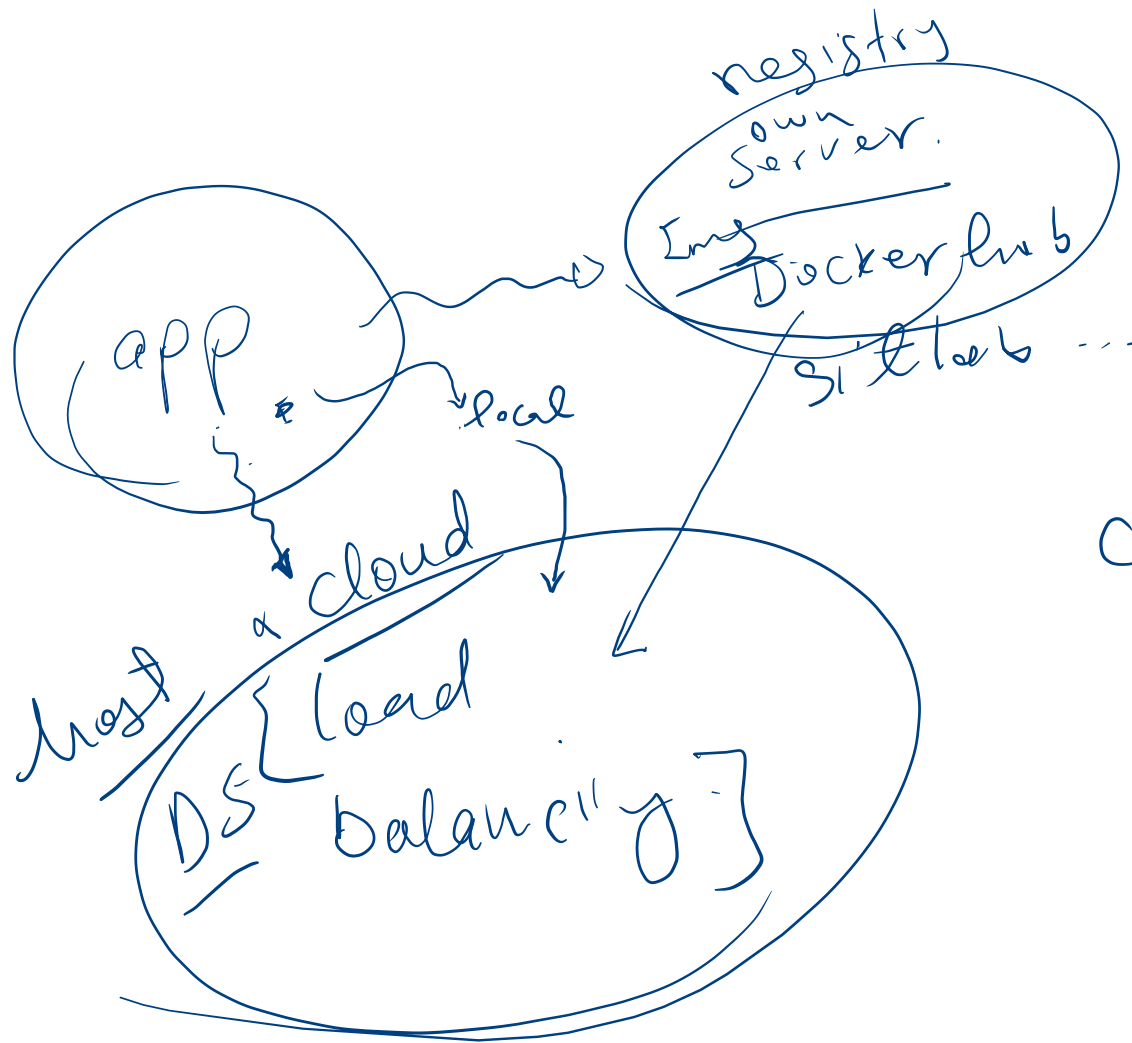
docker - compose

app

bridge

port

port

back

front

app → → back → Dockerfile
         → front → Dockerfile   → Docker-compose.yml → Image.
         → ... → Dockerfile
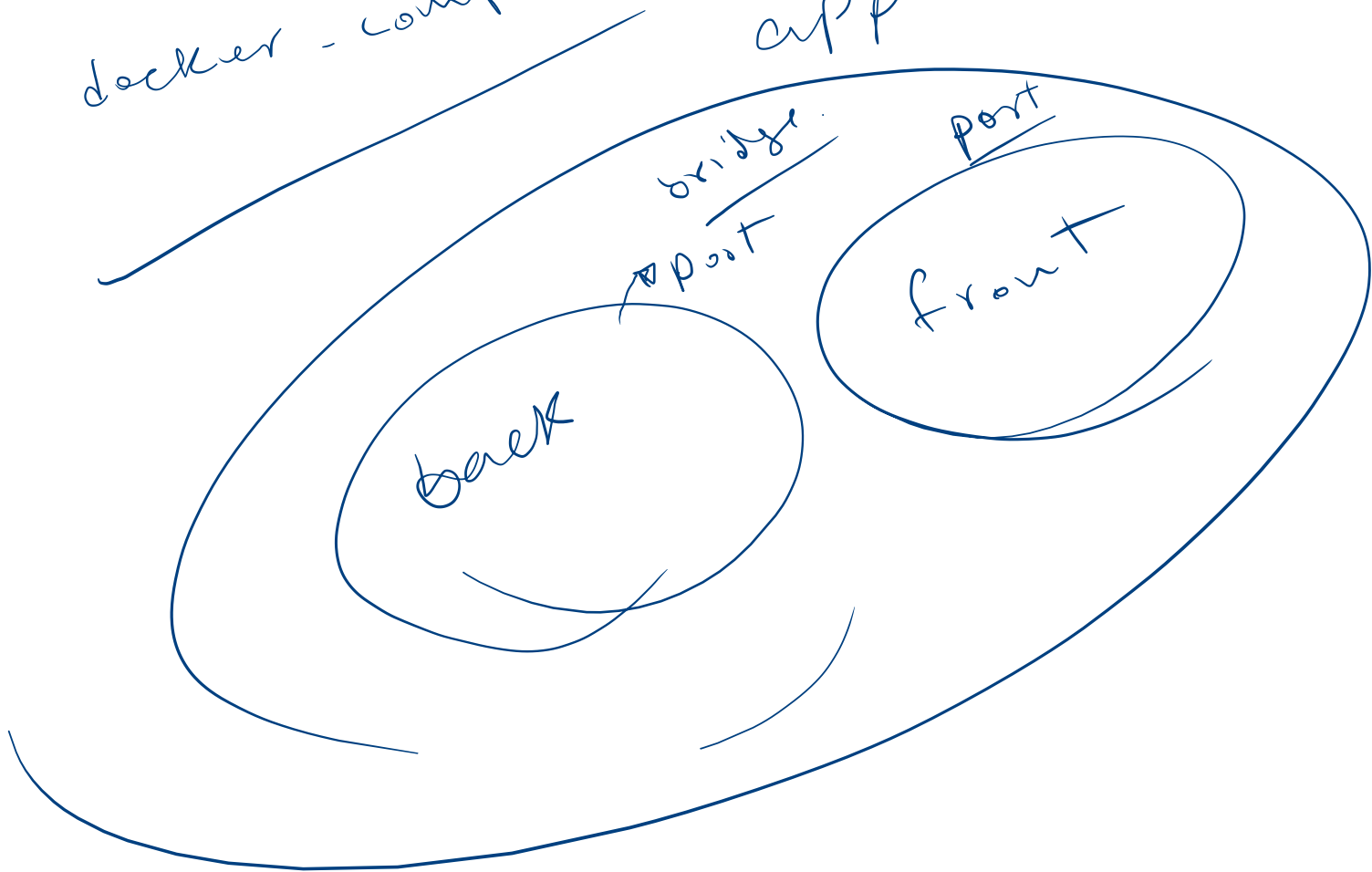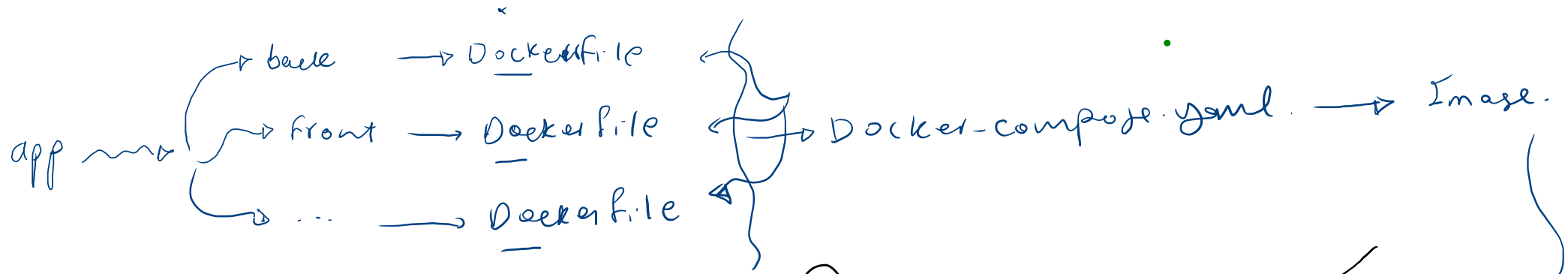
Single machine → [Serv.]

docker swarm → → multiple machine. — cluster

Image → | x1
          x2 → ✓
          x3 → ✓

localhost